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**INFORMATION  
INFORMATISCHE AUFZEICHNUNG  
INFORMATION MEMO**

**NOTE D'INFORMATION  
NOTA D'INFORMAZIONE  
TER DOCUMENTIE**

Brussels, February 1975

ABOLITION OF TECHNICAL BARRIERS TO TRADE IN  
INDUSTRIAL PRODUCTS DURING 1974:

The present situation

Harmonisation of legislation is not sought merely for its own sake. We will use harmonisation, Mr. Gundelach has told the European Parliament<sup>x</sup>, only to the extent that it is necessary for the maintenance and development of a free market for goods and only when this objective cannot be attained through other means.

It is in this spirit that the Commission has been implementing its harmonisation programme in 1974 by transmitting 33 proposals to the Council. Since the start of the programme in 1967, 48 harmonisation proposals have been adopted by the Council, and 59 proposals are still waiting to be adopted.

All of the Member States in the Community have over the years introduced legislation requiring industrial products to comply with certain standards introduced for the benefit of the public. The differences between these legislations require the producer who wishes to market his product throughout the Community to vary the specifications for the product depending on the Member State for which it is destined.

These barriers to trade were first considered by the Community in its General Programme for the abolition of technical barriers to trade, adopted in 1969. This programme was supplemented by the Council Resolution of December 1973 on the Programme for industrial policy, which set out a calendar of proposals to be transmitted to the Council by the Commission at the rate of some 25 per year. The first year, 1974, of this programme was a successful one for the Commission, in which 33 proposals were transmitted.

The major aim of the Commission's proposals in this field is by aligning national legislations to an extent in the framework of a Community directive, to open the whole common market to the producer, thus increasing the choice of the consumer. This process will, however, have a number of additional effects, beneficial to the consumer and to public health and safety - by reducing confusion in the case of methods of measurement for example. In drawing up a proposal, the Community always tries to go beyond the safety standards already contained in the national legislations. The proposals on motor vehicles are particularly good examples of this.

Moreover, the method of harmonisation of legislation used is never more than strictly necessary. The so-called "optional" method is usually employed - by which the national standards remain intact, and the Community specifications need only be followed by a producer who wishes to sell throughout the Community as a whole. The "total" method, by which the national rules are replaced by the Community system is only used where required for reasons of public health or safety, or protection of the environment.

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The Commission's proposals are not drawn up in isolation. Committee meetings with national experts take place during the whole period of drawing up of the proposal, and the work of external Standards Institutes and international organisations, and the views of consumer and professional organisations are always consulted.

Finally, all of the proposals in the annex contain provisions for a Committee to adapt the proposal to technical progress, so as to prevent new barriers from being raised in fields already covered.

The proposals themselves can now be examined in more detail.

### Motor vehicles

Eleven proposals relating to motor vehicles have been transmitted during the course of the year, excluding that on sulphur in fuel. The most worthy of mention are the following:

- Safety belts. Two proposals have been transmitted here, on the anchorage of fittings, in August (N<sup>o</sup> 12 in Annex I) and on the belts themselves in December (25). They incorporate design and testing requirements for EEC-type approval, and are complementary to a series of proposals on the internal fittings of motor vehicles. The proposals have been made in the light of the considerable differences between the laws of Member States on the subject, which are often obsolete. They create a considerably higher level of safety than that provided for in existing national legislations, and should moreover have a favourable effect on research within the Community on other passive safety measures for car occupants.
- Headrests. (N<sup>o</sup> 26). The provisions in the proposal concern methods of testing and construction, and are designed to reduce the differences in testing methods throughout the Member States, which have not succeeded in eliminating ineffective or even dangerous products.
- Lighting. Four proposals on the construction of lighting devices for motor vehicles were transmitted by the Commission: reflex reflectors, illuminating device for number plates (17), side-lights and braking lights (18) and headlights (19).
- Noise. A modification (13) of the Council directive of February 1970 on the sound level admissible from exhausts was transmitted in August. This modification takes account of technical progress which has taken place since the adoption of the original directive. It sets more severe limits to the admissible level of noise emitted by the exhausts of all sorts of vehicles, resulting in a reduction of present noise levels of about 50%.
- Motor cycles (21). This proposal is the first relating to motor cycles. It is the proposal for the basic type-approval directive, analogous to that adopted for the motor vehicles.

The present situation of higher fuel prices and increasing traffic congestion suggests the possibility of an increasing market for motor cycles. This proposal is thus particularly appropriate - and it should be noted that, as is the case of motor vehicles, the Community proposal will aim at increasing the security of the consumer. The optional method has been preferred - so as to keep open maximum possibilities for innovation.

### Tractors

Four proposals have been transmitted here, numbers (3), (4), (5) and (24). The first limits the noise level as perceived by the driver to 90dB(A), and sets out detailed provisions on noise measurement. The third relates to the installation (and set construction) of lighting devices. The fourth provides for the fitting of a safety frame or safety cab, and contains detailed provisions on crashing and other strength tests.

### Chemical substances

- Ceramics (33). The proposal sets limits on the permissible amounts of lead and

cadmium which are extractable from ceramic objects intended to come into contact with foodstuffs (table and cooking ware etc.), and also provides test methods for ascertaining the degree of extraction. It adopts the method of harmonisation in order to guarantee consumer protection.

- Restriction of the marketing and use of certain dangerous substances and preparations (PCB). This proposal rounds off and completes previous Directives and proposals in the field of dangerous substances and preparations by restricting the marketing and use under certain conditions of polychlorinated biphenils (PCBs). Certain substances for various reasons should not be marketed free of any constraint and control. The Proposal therefore aims at securing the free movement of goods while at the same time enhancing the protection of public health and environment.
- Classification, packaging and labelling of pesticides.(32). The proposal provides for classification as to toxicity, danger signals and safety advice in labelling, and proper packaging. It is designed principally to attain two objectives of Treaty establishing the Community, namely:

- to improve the protection of public health in the Community, and in particular of persons who must handle dangerous pesticides in the course of their work;
- to ensure the free movement of goods within the Community.

Like other directives in this field, the proposal has been drawn up with a view to total harmonisation, in view of the dangers involved.

- Sulphur in fuel (2). This proposal is to limit the categories of gasoil, used chiefly for urban heating and diesel-engined vehicles, to two types for which the limitation of sulphur content will take place in two stages. The proposal comes within the Community action for protection of the environment.

#### Construction engines (29-31)

Three proposals were transmitted during December - on construction equipment, the measurement of the sound level emitted by the same, and on the permissible sound level of pneumatic concrete-breakers and jackhammers. This is a sector of considerable economic importance, not because of the size of the production industry itself, but because of the major role which its products play in the building sector as a whole. There is rapid technical evolution and great variety of produce. The proposals include provisions on type-approval and inspection, and also the Committee on Adaptation to technical progress. They are optional.

#### Electrical appliances

- Radio interference (15). The proposal relates to scientific and medical or similar appliances (10 kHs to 18 GHs). The proposal is regarded as a priority because of the possibility that such appliances might be banned from the market, and is contained in the third stage of the General Programme for the abolition of technical barriers. The total method is employed.
- Medical equipment (27-28). These two proposals relate to an important section of the electrical apparatus used in medicine, for example operation tables and chairs, and X-ray equipment. These products have the right of free movement throughout the Community provided that they are manufactured in accordance with international standards, referred to in the proposals. Normally conformity is certified by the producer in a declaration or by marking. However, X-ray equipment must be submitted to a type-approval procedure as far as its radiation safety is concerned. The proposals are optional.

#### Measuring instruments

- Scales of charges for the testing of gas meters. (6). This proposal deals with

distortions of competition and the effect on intra-Community trade of the considerable variations between Member States' scales of charges and fees for testing gas meters.

--Alcoholmeters (16). The main interest of these two proposals is not the free movement of the instruments themselves, but the removal of the barrier to circulation of the liquid products to be measured by the methods in the proposal. The work done by the International Organisation of Legal Metrology (IOLM) was used in the Community directive.

#### Pressure vessels

Two new proposals have been transmitted which relate to the original type approval directive on pressure vessels, on welded unalloyed steel gas bottles (8) and on seamless aluminium alloy bottles (9). They contain specifications on testing and inspection and on the properties of construction materials.

PROPOSALS FOR DIRECTIVES SENT TO THE COUNCIL IN 1974

<u>Subject</u>	<u>Month sent</u>
1. Reflex reflectors for motor vehicles and their trailers	January 1974
2. Sulphur content of certain liquid fuels	February 1974
3. Driver-perceived noise level of wheeled agricultural and forestry tractors	March 1974
4. Braking devices for wheeled agricultural and forestry tractors	June 1974
5. Fitting of lighting and light-signalling devices to wheeled agricultural and forestry tractors	June 1974
6. Scales of charges for the metrological testing of gas meters	June 1974
7. Road and rail transport tanks used as measuring containers	June 1974
8. Welded unalloyed steel gas cylinders	July 1974
9. Seamless aluminium alloy gas cylinders	July 1974
10. Statutory plates and inscriptions on motor vehicles and their trailers	August 1974
11. Reverse gears and speedometers for motor vehicles	August 1974
12. Anchorages for motor-vehicle safety belts	August 1974
13. Amendment of the Council Directive of 6 February 1970 on the permissible noise level and exhaust systems of motor vehicles	August 1974
14. Restricting the marketing and use of dangerous substances and preparations	August 1974
15. Radio interference caused by high frequency industrial apparatus (IMS)	August 1974
16. Alcoholic strength and alcoholmeters	November 1974
17. Illuminating devices for motor-vehicle registration plates	December 1974
18. Side, rear and brake lights for motor vehicles	December 1974
19. Dipped- and main-beam headlamps for motor vehicles	December 1974
20. Towing hooks on motor vehicles	December 1974
21. Type-approval of motorcycles	December 1974
22. <u>Non-electrical equipment for cooking, heating and hot-water production</u>	December 1974
23. <u>Equipment for the instant production of hot water</u>	December 1974
24. Roll-over protection devices (cabin and frame) for agricultural tractors	December 1974
25. Motor-vehicle safety belts	December 1974
26. Motor-vehicle head restraints	December 1974
27. Electromedical equipment	December 1974

<u>Subject</u>	<u>Month sent</u>
28. Electroradiological X-ray equipment, 10 to 400 kV	December 1974
29. Outline directive on civil engineering equipment	December 1974
30. General method of measuring noise emitted by civil engineering equipment	December 1974
31. Permissible noise level of pneumatic drills and jack hammers	December 1974
32. Pesticides (classification, labelling and packaging)	December 1974
33. Ceramic tableware, kitchenware etc. (quantities of lead and cadmium released)	December 1974

DIRECTIVES ADOPTED BY THE COUNCIL - SITUATION AS AT 1 JANUARY 1975

<u>Subject</u>	<u>Date of adoption</u>	<u>OJ No</u>	<u>Date</u>
1. Dangerous substances (classification, packaging and labelling)	27/6 1969	196/1	16/8 1967
2. Crystal glass	15/12 1969	L 326/36	29/12 1969
3. Type-approval of motor vehicles and their trailers	6/2 1970	L 42/1	23/2 1970
4. Permissible noise level and exhaust systems of motor vehicles	6/2 1970	L 42/1	23/2 1970
5. Location and affixing of rear registration plates for motor vehicles and their trailers	20/3 1970	L 76/25	6/4 1970
6. Liquid fuel tanks and rear protective devices for motor vehicles and their trailers	20/3 1970	L 76/23	6/1 1970
7. Measures to be taken against air pollution by gases from motor-vehicle spark ignition engines	20/3 1970	L 76/1	6/1 1970
8. Steering equipment for motor vehicles and their trailers	8/6 1970	L 133/10	18/6 1970
9. Audible warning devices for motor vehicles	27/7 1970	L 176/12	10/8 1970
10. Doors for motor vehicles and their trailers	27/7 1970	L 176/5	10/8 1970
11. Motor-vehicle rear-view mirror	1/3 1971	L 68/1	22/3 1971
12. Braking devices for certain categories of motor vehicles and of their trailers	26/7 1971	L 202/37	6/9 1971
13. Textiles (names)	26/7 1971	L 185/16	16/8 1971
14. Measuring instruments and methods of metrological control	26/7 1971	L 202/1	6/9 1971
15. Medium accuracy rectangular bar weights (5-50 kg) and medium accuracy cylindrical bar weights (1-10 kg)	26/7 1971	L 202/14	6/9 1971
16. Gas volume meters	26/7 1971	L 202/21	6/9 1971
17. Meters for liquids other than water	26/7 1971	L 202/32	6/9 1971
18. Ancillary equipment for meters for liquids other than water	12/10 1971	L 239/9	25/10 1971
19. Measuring of the standard mass per storage volume of grain	12/10 1971	L 239/1	25/10 1971
20. Calibration of the tanks of vessels	12/10 1971	L 239/15	25/10 1971

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<u>Subject</u>	<u>Date of adoption</u>	<u>OJ No</u>	<u>Date</u>
21. Units of measurement	18/10 1971	L 243/29	29/10 1971
22. Suppression of radio interference caused by spark-ignition engines	20/6 1972	L 152/15	6/7 1972
23. Textiles: methods of analysis for binary mixtures	17/7 1972	L 173/1	31/7 1972
24. Measures to be taken against the emission of pollutants from diesel engines for use in vehicles	2/8 1972	L 190/1	20/8 1972
25. Electrical equipment designed for use within certain voltage limits	19/2 1973	L 77	26/3 1973
26. Textiles: methods of analysis of fibre mixtures	26/2 1973	L 83	30/3 1973
27. Classification, packaging and labelling of dangerous preparations (solvents)	5/5 1973	L 189/7	11/7 1973
28. Amendment to the Directive of 27 June 1967 on the classification, packaging and labelling of dangerous substances	21/5 1973	L 167	25/6 1973
29. Non-automatic weighing machines	19/11 1973	L 335	5/12 1973
30. Material measures of length	19/11 1973	L 335	5/12 1973
31. Certification and marking of wire-ropes, chains and hooks	19/11 1973	L 335	5/12 1973
32. Detergents	22/11 1973	L 347	17/12 1973
33. Methods of testing the biodegradability of anionic surfactants	22/11 1973	L 347	17/12 1973
34. Device to prevent the unauthorized use of motor vehicles	17/12 1973	L 38	11/2 1974
35. Interior fittings of motor vehicles (interior parts of the passenger compartments other than the interior rear-view mirror, layout of controls, the roof or sliding roof, the backseat and rear part of the seats)	17/12 1973	L 38/2	11/2 1974
36. Weights of above-medium accuracy	4/3 1974	L 84	28/3 1974
37. Type-approval of wheeled agricultural or forestry tractors	4/3 1974	L 84/10	28/3 1974
38. Maximum design speed of and load platforms for wheeled agricultural and forestry tractors	4/3 1974	L 84/33	28/3 1974
39. Certain parts and characteristics of wheeled agricultural or forestry tractors	4/3 1974	L 84/25	28/3 1974
40. Adaption to technical progress of the Council Directive of 20 March 1970 relating to measures to be taken against air pollution by gases from spark ig-			./.



<u>Subject</u>	<u>Date of adoption</u>	<u>OJ No</u>	<u>Date</u>
nitiation engines for motor vehicles	28/5 1974	L 159/61	15/6 1974
41. Interior fittings of motor vehicles II (behaviour of the steering mechanism in the event of impact)	4/6 1974	L 165/16	20/6 1974
42. Rear-view mirror for wheeled agricultural and forestry tractors	25/6 1974	L 191/1	15/7 1974
43. Field of vision and windscreen wipers for wheeled agricultural and forestry tractors	25/6 1974	L 191/5	15/7 1974
44. Interior fittings of motor vehicles III (strength of seats and of their anchorages)	22/7 1974	L 221	12/2 1974
45. External projections from motor vehicles	17/9 1974		
46. Cold-water meters	Dec. 1974		
47. Making-up of certain pre-packed liquids	Dec. 1974		
48. Bottles used as measuring containers	Dec. 1974		

ANNEX III

DIRECTIVES ADOPTED BY THE COMMISSION

<u>Subject</u>	<u>Date of adoption</u>	<u>OJ No</u>	<u>Date</u>
1. Adaptation to technical progress of the Council Directive of 6 February 1970 on the permissible noise level and exhaust systems of motor vehicles	7/11 1973	L 321/33	22/11 1973
2. Adaptation to technical progress of the Council Directive of 26 July 1971 on the braking of certain categories of motor vehicles and their trailers	11/2 1974	L 74/7	19/3 1974
3. Adaptation to technical progress of the Council Directive of 26 July 1971 (71/318/EEC) on gas volume meters	12/6 1974	L 189	12/7 1974

ANNEX: IV

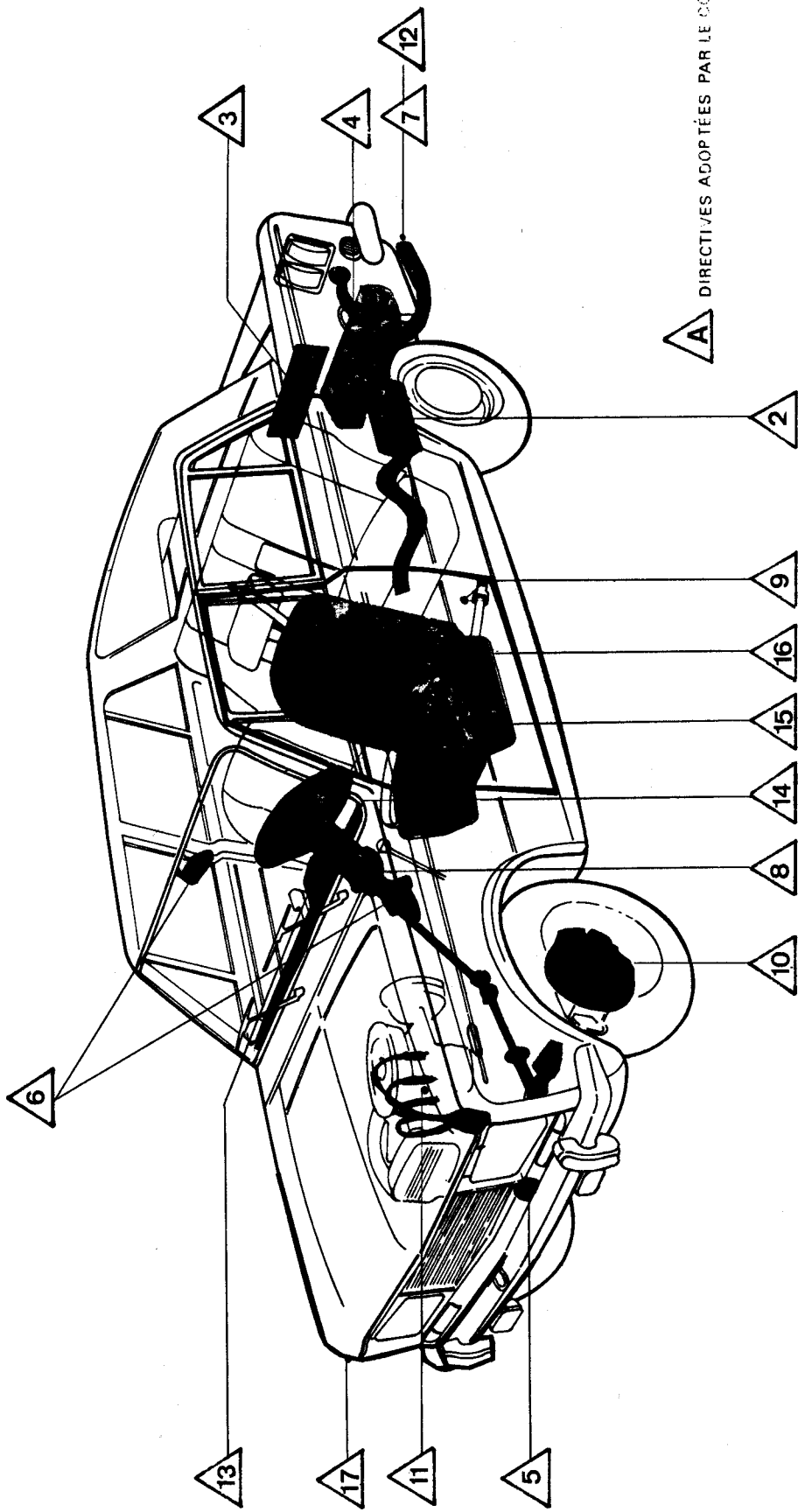
AS YET UNADOPTED PROPOSALS FOR DIRECTIVES  
ADDRESSED TO THE COUNCIL

<u>Subject</u>	<u>Date sent</u>
1. Direction indicators for motor vehicles and their trailers	July 1965
2. Clinical thermometers	April 1966
3. Oil pipelines	July 1968
4. Field of vision, windscreen wipers and washers of motor vehicles	August 1968
5. Electrical connections for motor-vehicle trailers	August 1968
6. Electrical equipment used in explosive atmospheres	October 1970
7. Wheeled agricultural and forestry tractors (crew seats)	March 1966
8. Certain characteristics and parts of wheeled agricultural and forestry tractors: towable weight, steering, protection of power units and projecting moving parts, electrical connection for trailer lighting and light-signalling devices, cabin, driver's seat, radio interference suppressor, coupling device	July 1968
9. Reinforced plastic tankers intended for the carriage by road of dangerous substances	December 1971
10. Fertilizers - general directive	December 1971
11. Radio interference caused by household electrical appliances and hand tools	July 1972
12. Radio interference caused by fluorescent lamps used for lighting purposes	July 1972
13. Safety glass for motor vehicles	September 1972
14. Cosmetic products	October 1972
15. Pressure vessels: outline directive	January 1973
16. Seamless steel gas cylinders	January 1973
17. Type approval of mopeds	January 1973
18. Electricity meters	February 1973
19. Aerosols	March 1973
20. Radio interference caused by radio receivers	May 1973
21. Weighing instruments of the continuously additive type	May 1973
22. Amendment to the Council Directive of 27 June 1967 on dangerous substances	July 1973

<u>Subject</u>	<u>Date sent</u>
23. The making-up by weight or by volume of certain pre-packaged products	October 1973
24. Petrol for spark-ignition engines for motor vehicles	December 1973
25. Fitting of lighting and light-signalling devices to motor vehicles and their trailers	December 1973
26. Fog lamps for motor vehicles	December 1973
27. Reflex reflectors for motor vehicles and their trailers	January 1974
28. Sulphur content of certain liquid fuels	February 1974
29. Permissible driver-perceived noise level of wheeled agricultural and forestry tractors	March 1974
30. Braking devices for wheeled agricultural and forestry tractors	June 1974
31. Fitting of lighting and light-signalling devices to wheeled agricultural and forestry tractors	June 1974
32. Scales of changes for the metrological testing of gas meters	June 1974
33. Road and rail transport tanks used as measuring containers	June 1974
34. Welded unalloyed steel gas cylinders	July 1974
35. Seamless aluminium alloy gas cylinders	July 1974
36. Statutory plates and inscriptions for motor vehicles and their trailers	August 1974
37. Reverse gears and speedometers for motor vehicles	August 1974
38. Anchorages for motor-vehicle safety belts	August 1974
39. Amendment to the Council Directive of 6 February 1970 on the permissible noise level and exhaust systems of motor vehicles	August 1974
40. Restricting the marketing and use of dangerous substances and preparations	August 1974
41. Radio interference caused by high-frequency industrial apparatus (IMS)	August 1974
42. Alcoholic strength and alcoholmeters	November 1974
43. Illuminating devices for motor-vehicle registration plates	December 1974
44. Side, rear and brake lights for motor vehicles and their trailers	December 1974
45. Motor-vehicle headlamps having an assymetrical dipped beam and a main beam, or one or other of these beams, together with incandescent headlamp bulbs	December 1974

<u>Subject</u>	<u>Date sent</u>
46. Towing hooks for motor vehicles	Decemver 1974
47. Type approval of motorcycles	December 1974
48. Non-electrical equipment for cooking, heating and hot water production (outline directive)	December 1974
49. Equipment for the instant production of hot water	December 1974
50. Roll-over protection devices for wheeled agricultural and forestry tractors (strength of protection devices in the event of roll-over, and their mounting on the tractor)	December 1974
51. Safety belts and restraint systems for motor vehicles	December 1974
52. Head restraints for motor vehicles	December 1974
53. Electromedical equipment	December 1974
54. Electroradiological X-ray equipment, 10-400 kV	December 1974
55. Outline directive on civil engineering equipment	December 1974
56. General method of measuring noise emitted by civil engineering equipment	December 1974
57. Permissible noise level of pneumatic drills and jack hammers	December 1974
58. Pesticides (classification, labelling and packaging)	December 1974
59. Ceramic ware intended to come in contact with food-stuffs (restriction of quantities of lead and cadmium released)	December 1974

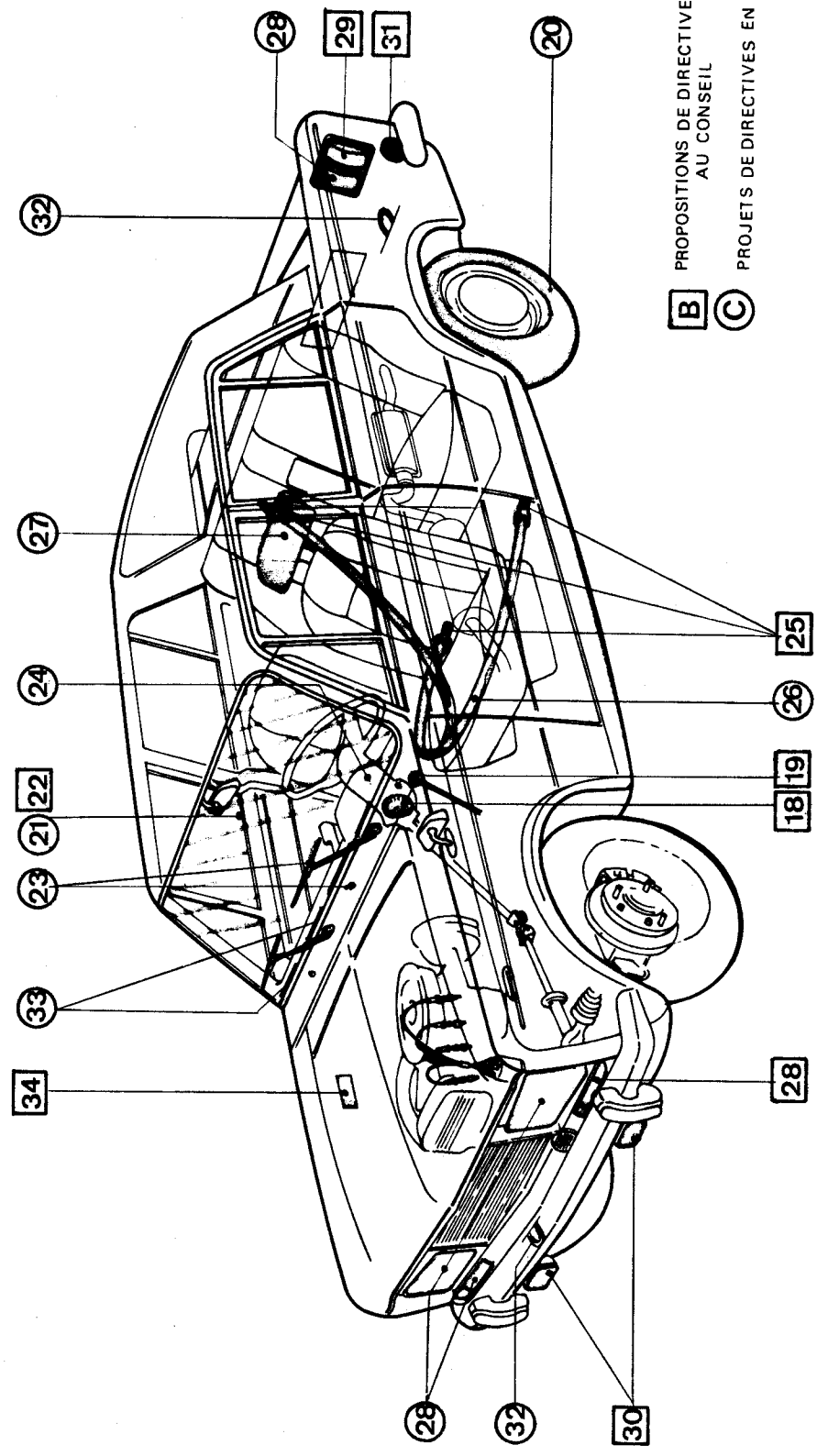
Schéma des principaux travaux de la Communauté dans le secteur des véhicules à moteur.



▲ DIRECTIVES ADOPTÉES PAR LE CONSEIL

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|------|---|------|--|
| ▲ 10 | Freinage  | ▲ 10 | Réception                                  |
| ▲ 11 | Suppression des parasites radioélectriques            | ▲ 11 | Niveau sonore et dispositifs d'échappement |
| ▲ 12 | Emissions de polluants - moteurs diesel               | ▲ 12 | Plagues d'immatriculation                  |
| ▲ 13 | Aménagement des parties intérieures de l'habitacle    | ▲ 13 | Réservoirs de carburant                    |
| ▲ 14 | Protection contre l'utilisation non autorisée         | ▲ 14 | Avertisseurs acoustiques                   |
| ▲ 15 | Comportement du dispositif de conduite en cas de choc | ▲ 15 | Rétroviseurs                               |
| ▲ 16 | Résistance des sièges et de leur ancrage              | ▲ 16 | Pollution de l'air - moteurs à essence     |
| ▲ 17 | Saillies extérieures                                  | ▲ 17 | Dispositifs de direction                   |
|      |   | ▲ 18 | Portes des véhicules                       |

Schéma des principaux travaux de la Communauté dans le secteur des véhicules à moteur.



**B** PROPOSITIONS DE DIRECTIVES PRESENTÉES  
AU CONSEIL

**C** PROJETS DE DIRECTIVES EN PRÉPARATION

- 18** Indicateur de vitesse
- 19** Marche arrière
- 20** Pneumatiques de monte normale
- 21** Champ de visibilité
- 22** Vitresde sécurité
- 23** Lssuie-glaces et lave-glaces
- 24** Aménagement et identification des commandes
- 25** Ancrages des ceintures de sécurité
- 26** Ceintures de sécurité

- 27** Appuie-tête
- 28** Eclairage et signalisation lumineuse (construction et installation)
- 29** Indicateur de direction
- 30** Feux-brouillard
- 31** Catadioptrres
- 32** Crochet de remorquage
- 33** Système de gégivrage
- 34** Plaques et inscriptions réglementaires