

Title (en)
Multi-compartment light for motor vehicle.

Title (de)
Mehrkammerleuchte für Kraftfahrzeuge.

Title (fr)
Feu multiple pour véhicules automobiles.

Publication
EP 0472890 B1 19940629 (DE)

Application
EP 91112094 A 19910719

Priority
DE 4025393 A 19900810

Abstract (en)
[origin: EP0472890A1] The invention relates to a multi-compartment light for motor vehicles, which has a lens, with a line-shaped structure extending over the entire width of the light. One lens panel of the multi-compartment light is provided with rectroreflectors whose triple prisms are arranged in line-shaped fashion. The lines alternate between triple prisms reflecting with extraneous light and barrel-shaped or cylindrical lenses (3) which have a rectangular projection surface whose long side is vertical. The rows with triple prisms reflecting extraneous light and the rows with the barrel-shaped or cylindrical lenses (3) are aligned with rows of optical diffusing elements of adjacent lens sections which have the same line height as the triple prisms and barrel-shaped or cylindrical lenses (3), the diffusing elements adjoining the barrel-shaped or cylindrical lenses (3) in a row-shaped fashion likewise being constructed as barrel-shaped or cylindrical lenses (3). Adjoining the triple prisms arranged in line-shaped fashion are optical diffusing elements which consist of circular cones (4) juxtaposed in lines, which are aligned with their vertices against the light exit direction and form an oblique angle. The circular cones (4) abut one another with flats, each flat being approximately 1/4 of the diameter of the base area of the circular cone. <IMAGE>

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IPC 8 full level
F21V 5/00 (2006.01)

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