

Title (en)
Motor vehicle signal lamp

Title (de)
Signalleuchte für ein Kraftfahrzeug

Title (fr)
Feu de signalisation de véhicule automobile

Publication
EP 1387122 A1 20040204 (FR)

Application
EP 03291635 A 20030702

Priority
FR 0209824 A 20020801

Abstract (en)
The indicator light includes a lamp (2), a reflector (3), and a cover glass (6). An additional intermediate screen carries a series of prisms (7c) on one surface, and a series of colored seatings on the opposite surface. Light leaving the lamp passes through clear areas between the color zones, whilst externally the lamp cover appears colored. The indicator light for a motor vehicle comprises a lamp (2) and a reflector (3), with a cover glass (6). Between the cover glass and the reflector there is an optical screen (5), and then between this and the glass there is an additional intermediate screen. On its face directed towards the optical screen there is a series of prisms (7c), and on the surface facing the glass there is a series of seatings (10) filled with a colored material (9). These seatings are lined up with the prisms. Between the prisms there are plane uncolored zones (8). The action of the prisms is such as to ensure that the light emerging from the lamp is channeled through the uncolored zones (8).

Abstract (fr)
Feu de signalisation de véhicule automobile du type comprenant une lampe (2), un réflecteur (3), une glace (6) et, entre la glace (6) et la lampe (2), un écran optique (5), caractérisé en ce qu'il comporte, inséré entre la glace (6) et l'écran optique (5), un écran intermédiaire présentant, sur sa face tournée en regard de l'écran optique, une série de prismes (7c) et, sur sa face tournée vers la glace (6) et au droit des prismes, des logements (10) remplis d'une matière colorée (9), en ménageant entre les prismes (7c) des zones (8) planes incolores, tandis que l'écran optique (5) est aménagé pour canaliser les rayons issus de la lampe vers lesdites zones (8). <IMAGE>

IPC 1-7
F21S 8/10; **F21V 9/08**; **F21V 5/00**

IPC 8 full level
F21V 9/08 (2006.01)

IPC 8 main group level
F21V 5/00 (2015.01); **F21V 9/00** (2015.01)

CPC (source: EP)
F21S 43/255 (2017.12); **F21S 43/26** (2017.12)

Citation (search report)
• [A] DE 2935410 A1 19810402 - BOSCH GMBH ROBERT
• [A] DE 3130085 A1 19830217 - WESTFAELISCHE METALL INDUSTRIE [DE]
• [A] EP 0697309 A2 19960221 - TEVES GMBH ALFRED [DE]

Cited by
CZ309710B6; EP1757857A1; CN103765084A; AT513917A1; AT513917B1; EP4394244A1; WO2013029730A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1387122 A1 20040204; **EP 1387122 B1 20051005**; **EP 1387122 B8 20051207**; AT E306047 T1 20051015; DE 60301768 D1 20060216; DE 60301768 T2 20060518; ES 2249693 T3 20060401; FR 2843183 A1 20040206; FR 2843183 B1 20040917; SI 1387122 T1 20051231

DOCDB simple family (application)
EP 03291635 A 20030702; AT 03291635 T 20030702; DE 60301768 T 20030702; ES 03291635 T 20030702; FR 0209824 A 20020801; SI 200330071 T 20030702