

Title (en)
HIGH OUTPUT SIGNAL LIGHT, ESPECIALLY FOR MOTOR VEHICLES

Publication
EP 0290347 B1 19931006 (FR)

Application
EP 88401103 A 19880505

Priority
• FR 8706497 A 19870507
• FR 8800260 A 19880112

Abstract (en)
[origin: US4859043A] A motor vehicle signal lamp of the type comprising a light source (12) and deflector means for causing the rays emitted by the source to propagate in a direction which is essentially parallel to a given general emission direction (x-x), wherein the deflector means comprise a first lens (20) which is generally balloon-shaped and disposed around the source and in proximity thereto, and a second lens (30) which is generally in the form of a plate disposed in front of the source (12) and of the first lens (20) and which extends transversely to the general emission direction, wherein the first lens comprises deflector elements (22; 23) for causing the light rays it receives from the source to be deflected at least vertically towards said second lens, and wherein the second lens (20) includes deflector elements (32, 34) for deflecting the light rays it receives from the first lens at least horizontally to a direction which is substantially parallel to said general emission direction (x-x). The invention also provides means on the first lens for distributing light flux so as to cause the distribution of light on the illuminated area to be highly uniform in the direction of its width.

IPC 1-7
F21Q 1/00

IPC 8 full level
F21S 8/10 (2006.01); **F21V 5/00** (2006.01); **F21V 5/02** (2006.01); **F21V 5/04** (2006.01); **F21V 9/08** (2006.01); **F21V 13/04** (2006.01)

CPC (source: EP US)
F21S 43/255 (2017.12 - EP US); **F21S 43/26** (2017.12 - EP US); **F21S 43/40** (2017.12 - EP US); **F21V 5/008** (2013.01 - EP US); **F21V 5/045** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
EP 0290347 A2 19881109; EP 0290347 A3 19900117; EP 0290347 B1 19931006; DE 3884664 D1 19931111; DE 3884664 T2 19940203; ES 2047040 T3 19940216; JP S63285802 A 19881122; US 4859043 A 19890822

DOCDB simple family (application)
EP 88401103 A 19880505; DE 3884664 T 19880505; ES 88401103 T 19880505; JP 10927888 A 19880506; US 18722088 A 19880428