

Title (en)
Vehicle headlamp with light emitting diodes

Title (de)
Kfz-Scheinwerfer mit Leuchtdioden

Title (fr)
Dispositif projecteur de véhicule automobile équipé de diodes électroluminescentes

Publication
EP 1452795 A3 20070509 (FR)

Application
EP 04290247 A 20040130

Priority
FR 0301511 A 20030207

Abstract (en)
[origin: EP1452795A2] The device has a reflector (400) for reflecting luminous rays produced by a luminous source that consists of series of electroluminescent diodes (401). Each electroluminescent diode is oriented in such a manner so that a part of its radiation attains a specific zone (403-p1 to 403-p3) of reflection on the reflector. Each specific zone provides a specific light distribution in the production of the luminous rays.

IPC 8 full level
F21V 7/09 (2006.01); **F21S 8/10** (2006.01); **F21V 7/00** (2006.01); **F21V 17/00** (2006.01); **F21K 99/00** (2010.01); **F21W 101/10** (2006.01); **F21W 107/10** (2018.01); **F21Y 101/00** (2016.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 41/148 (2018.01 - EP US); **F21S 41/151** (2018.01 - EP US); **F21S 41/335** (2018.01 - EP); **F21S 41/663** (2018.01 - EP US); **F21W 2102/00** (2018.01 - US); **F21W 2102/30** (2018.01 - EP); **F21Y 2113/20** (2016.08 - EP US); **F21Y 2115/10** (2016.08 - EP US)

Citation (search report)

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- [XY] US 2001019486 A1 20010906 - THOMINET VINCENT [CH]
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Designated contracting state (EPC)
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Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
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EP 04290247 A 20040130; AT 04290247 T 20040130; DE 602004024149 T 20040130; ES 04290247 T 20040130; FR 0301511 A 20030207; JP 2004028241 A 20040204; US 77168104 A 20040203