

Title (en)
Lighting device

Title (de)
Beleuchtungseinrichtung

Title (fr)
Dispositif d' éclairage

Publication
EP 1286567 A3 20050525 (DE)

Application
EP 02015416 A 20020711

Priority
DE 10137338 A 20010731

Abstract (en)
[origin: DE10137338A1] The device has at least one controller (1) for connection to an on-board electrical system of a motor vehicle and for connection to and operation of LED arrangements (2). The controller is in the form of a light control module with a direct voltage converter (4) for converting the on-board electrical system voltage into a constant LED operating voltage for controlling the LED arrangements.

IPC 1-7
H05B 33/08; **F21S 8/10**; **B60Q 1/26**

IPC 8 full level
H05B 45/50 (2022.01)

CPC (source: EP US)
H05B 45/3725 (2020.01 - EP US); **H05B 45/50** (2020.01 - EP US)

Citation (search report)

- [X] FR 2780599 A1 19991231 - MAGNETI MARELLI FRANCE [FR]
- [X] EP 0793402 A1 19970903 - VALEO ELECTRONIQUE [FR]
- [X] DE 19732828 A1 19990204 - SIEMENS AG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 518 (E - 1434) 17 September 1993 (1993-09-17)
- [X] PATENT ABSTRACTS OF JAPAN vol. 011, no. 117 (E - 498) 11 April 1987 (1987-04-11)

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

DOCDB simple family (publication)
EP 1286567 A2 20030226; **EP 1286567 A3 20050525**; **EP 1286567 B1 20080102**; DE 10137338 A1 20030220; DE 50211445 D1 20080214

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