

Title (en)
Vehicle headlamp device

Title (de)
Kfz-Scheinwerfergerät

Title (fr)
Dispositif projecteur pour véhicule automobile

Publication
EP 1724519 A3 20070502 (EN)

Application
EP 06009469 A 20060508

Priority
JP 2005145286 A 20050518

Abstract (en)
[origin: EP1724519A2] A subreflector (4L, 4R) of a vehicle headlamp (1L, 1R) acts as a vertical-wall structure and includes a first sub-reflecting surface (410) that reflects light (L1) from a light source (2L, 2R), and projects a first sub-light-distribution pattern on one side of a main light-distribution pattern (P). The subreflector (4L, 4R) also includes a second sub-reflecting surface (420) that reflects light (L2) from the light source (2L, 2R), and projects a second sub-light-distribution pattern between the main light-distribution pattern (P) and the first sub-light-distribution pattern. One side of the second sub-light-distribution pattern overlaps with the main light-distribution pattern (P), and the other overlaps with the first sub-light-distribution pattern.

IPC 8 full level
F21V 7/00 (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP)
F21S 41/338 (2017.12); **F21S 41/435** (2017.12); **F21S 43/50** (2017.12); **F21S 41/323** (2017.12)

Citation (search report)

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- [X] DE 19736837 A1 19990225 - BOSCH GMBH ROBERT [DE]
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Cited by
EP1790906A1; EP2299167A1; EP2244006A1; FR2944747A1; US7527404B2

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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JP 2006324091 A 20061130; JP 4229085 B2 20090225

DOCDB simple family (application)
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