

Title (en)
Converging lens for vehicle headlamp

Title (de)
Fahrzeugscheinwerferprojektionslinse

Title (fr)
Lentille de projection pour phase de véhicule

Publication
EP 0623780 B1 19961106 (DE)

Application
EP 94890077 A 19940502

Priority
AT 85593 A 19930503

Abstract (en)
[origin: EP0623780A2] A projection lens for vehicle headlamps is proposed for creating a dipped-light pattern, in which the convex emission surface of the lens has sections which project differently, an upper section being provided which is situated above the horizontal plane through the optical axis and a lower section being provided which lies below this horizontal plane, having the characterising feature that at least two lower sections are provided, one of which has an upper limit (B) which rises above the horizontal plane (8) towards the lateral lens edge, or a surface (free surface) is provided which projects in a continuously different manner. <IMAGE>

IPC 1-7
F21M 3/12; F21V 8/00

IPC 8 full level
F21S 8/10 (2006.01); **F21V 5/00** (2006.01)

CPC (source: EP US)
F21S 41/27 (2017.12 - EP US)

Cited by
US5574328A; EP1686313A3; DE102007018996A1; DE19813597A1; EP2202453A3; US5921671A; EP1008800A3; EP2280214A4; US5692823A; FR2994246A1; EP2693112A3; US5697690A; DE102007012023B4; FR2975462A1; EP2525142A3; US5575551A; EP0689002A3; US5730519A; DE19811570C2; EP0721085A1; US5685627A; EP0713052A1; US5676445A; EP2770248A1; FR3002304A1; US6007210A; US5615090A; US5562335A; DE4420889B4; EP0762809A3; EP1306607A3; US8123388B2; WO9947852A1; WO2006027230A1; JP2010153180A

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0623780 A2 19941109; EP 0623780 A3 19950125; EP 0623780 B1 19961106; AT 400887 B 19960425; AT A85593 A 19950815; DE 59400981 D1 19961212; ES 2094038 T3 19970101

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EP 94890077 A 19940502; AT 85593 A 19930503; DE 59400981 T 19940502; ES 94890077 T 19940502