

Title (en)
Vehicle lamp

Title (de)
Fahrzeugleuchte

Title (fr)
Feu pour véhicule automobile

Publication
EP 0602374 B1 19970305 (DE)

Application
EP 93117949 A 19931105

Priority
DE 4242527 A 19921216

Abstract (en)
[origin: EP0602374A1] In a vehicle lamp having a reflector or a lens for focusing the light beams which emerge from a filament of a filament lamp and having a light pane connected downstream in the beam path, having light-scattering optical elements arranged on the inside of the light pane in rows and/or columns of predetermined subdivision, the optical elements being constructed as lenses which scatter in the horizontal direction and/or the vertical direction, in order for the light pane to have the uniform appearance of a lens optics, but for the deflection behaviour of the light in this case to correspond both to that of a lens optics and a prism optics, a part or all of the optical elements have in horizontal or vertical section two prism flanges and one radius connecting the prism flanges, the prism flanges and the light pane form angles which deflect the light beams impinging on the prism flanges into outer regions which enclose an inner region into which the light beams impinging on the radius are scattered, and the radius merges tangentially into the prism flanges.

IPC 1-7
F21Q 1/00; **F21M 3/12**

IPC 8 full level
F21V 5/00 (2006.01)

CPC (source: EP)
F21S 41/28 (2017.12); **F21S 43/26** (2017.12)

Cited by
GB2325517A; GB2325517B; US6257748B1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0602374 A1 19940622; **EP 0602374 B1 19970305**; BR 9305058 A 19940621; DE 4242527 A1 19940623; DE 4242527 C2 19960208; DE 59305614 D1 19970410; ES 2098630 T3 19970501

DOCDB simple family (application)
EP 93117949 A 19931105; BR 9305058 A 19931215; DE 4242527 A 19921216; DE 59305614 T 19931105; ES 93117949 T 19931105