

Title (en)
AUTOMOTIVE LIGHT

Title (de)
KRAFTFAHRZEUGLICHT

Title (fr)
FEU AUTOMOBILE

Publication
EP 4296564 A1 20231227 (EN)

Application
EP 22180758 A 20220623

Priority
EP 22180758 A 20220623

Abstract (en)
Automotive light (1) comprising: a rear body (2) adapted to be fixed on the vehicle; a front half-shell (3) arranged to close the mouth of said rear body (2); and at least one lighting assembly (4), which is placed inside the rear body (2), is adapted to back light a corresponding transparent or semi-transparent sector of the front half-shell (3) and in turn comprises: a reflector body (5a) provided with a reflective surface adapted to reflect and direct the light towards the corresponding transparent or semi-transparent sector of the front half-shell (3); a light source (6) adapted to emit and direct the emitted light towards said reflective surface; and a corrective optics (5b) that is placed between the reflector body (5a) and the front half-shell (3), so as to be crossed by the light (r) reflected by the reflector body (5a) towards the front half-shell (3), and is structured so as to direct and/or distribute and/or filter and/or diffuse in a predetermined manner the light (r) directed towards the front half-shell (3); the reflector body (5a) and the corrective optics (5b) being made in a single piece and of transparent plastic material.

IPC 8 full level
F21S 41/20 (2018.01); **F21S 41/147** (2018.01); **F21S 41/30** (2018.01); **F21S 41/32** (2018.01); **F21S 41/37** (2018.01); **F21S 41/40** (2018.01); **F21S 43/14** (2018.01); **F21S 43/20** (2018.01); **F21S 43/30** (2018.01); **F21S 43/33** (2018.01); **F21S 43/40** (2018.01)

CPC (source: CN EP)
F21S 41/141 (2018.01 - CN); **F21S 41/147** (2018.01 - EP); **F21S 41/285** (2018.01 - CN EP); **F21S 41/30** (2018.01 - CN EP); **F21S 41/321** (2018.01 - EP); **F21S 41/37** (2018.01 - EP); **F21S 41/40** (2018.01 - EP); **F21S 43/14** (2018.01 - CN EP); **F21S 43/255** (2018.01 - EP); **F21S 43/26** (2018.01 - CN EP); **F21S 43/30** (2018.01 - CN EP); **F21S 43/33** (2018.01 - EP); **F21S 43/40** (2018.01 - EP); **F21W 2102/00** (2018.01 - CN); **F21W 2103/00** (2018.01 - CN); **F21Y 2115/10** (2016.08 - CN)

Citation (search report)
• [X] EP 3096072 A1 20161123 - AUTOMOTIVE LIGHTING ITALIA SPA [IT]
• [X] IT TV20120175 A1 20140313 - AUTOMOTIVE LIGHTING ITALIA SPA
• [XA] US 2010259153 A1 20101014 - FUTAMI TAKASHI [JP]

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
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DOCDB simple family (application)
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