

Title (en)  
AUTOMOBILE LAMP

Title (de)  
KRAFTFAHRZEUGLEUCHTE

Title (fr)  
LAMPE D'AUTOMOBILE

Publication  
**EP 4357666 A1 20240424 (EN)**

Application  
**EP 22202959 A 20221021**

Priority  
EP 22202959 A 20221021

Abstract (en)  
An automobile lamp is provided, the lamp comprising a non-empty set of light sources (1), and a cover lens (2) wherein for each light source (1) from the set, the lamp further comprises a primary reflector (3) for narrowing a beam angle of light from the light source (1), and a secondary reflector (4) for reflecting light from the primary reflector (3) towards the cover lens (2) and out of the lamp. Each of the light sources (1) is thus provided with two individual reflectors for shaping and directing the light from this source. The cover lens (2) preferably comprises a diffractive structure.

IPC 8 full level  
**F21S 41/148** (2018.01); **F21S 41/151** (2018.01); **F21S 41/20** (2018.01); **F21S 41/32** (2018.01); **F21S 41/365** (2018.01); **F21S 41/37** (2018.01); **F21S 41/663** (2018.01); **F21W 102/13** (2018.01)

CPC (source: EP)  
**F21S 41/148** (2018.01); **F21S 41/151** (2018.01); **F21S 41/28** (2024.05); **F21S 41/321** (2018.01); **F21S 41/365** (2018.01); **F21S 41/37** (2018.01); **F21S 41/663** (2018.01); **F21S 41/40** (2018.01); **F21W 2102/13** (2018.01)

Citation (applicant)  
• US 10578267 B2 20200303 - BOWLES DEAN [US], et al  
• GB 2603775 A 20220817 - IQS GROUP S R O [CZ], et al

Citation (search report)  
• [XY] EP 2824384 A1 20150114 - VALEO VISION [FR]  
• [Y] JP 2021072191 A 20210506 - ICHIKOH INDUSTRIES LTD  
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• [Y] WO 2007057818 A2 20070524 - PHILIPS INTELLECTUAL PROPERTY [DE], et al  
• [X] WO 2022129625 A1 20220623 - VALEO VISION [FR]  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
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