

Title (en)

Lighting device and/or signalling device reflector for vehicles

Title (de)

Beleuchtungs- und/oder Signaleinrichtung Reflektor für Fahrzeugen

Title (fr)

Réflecteur de dispositif d'éclairage et/ou de signalisation pour véhicule automobile

Publication

EP 1637798 B1 20090121 (FR)

Application

EP 05291920 A 20050916

Priority

FR 0409982 A 20040921

Abstract (en)

[origin: EP1637798A1] The reflector (2) has a polymer-based structure with a reflective coating applied in one or more layers up to 10 - 50 nm thick, and is reinforced with mineral fibres, especially of glass. The polymer base has a surface roughness of at least 0.1 - 0.2 mcm, and the reinforcing fibres are in strands or twists preferably 4 - 10 mm in length, with the individual strands preferably 15 - 30 mcm in diameter. The base can also contain a filler of talc or mica flakes or carbonate granules. The reflector has mechanical fixings, especially for a lamp holder or mask, and is made by injection moulding.

IPC 8 full level

F21V 7/22 (2006.01); **F21W 107/10** (2018.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)

F21S 41/37 (2017.12 - EP US); **F21V 7/28** (2018.01 - EP US)

Cited by

FR3137154A1; WO2023247343A1

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

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EP 1637798 A1 20060322; **EP 1637798 B1 20090121**; AT E421663 T1 20090215; DE 602005012468 D1 20090312; FR 2875579 A1 20060324; FR 2875579 B1 20121214; JP 2006164949 A 20060622; US 2006067623 A1 20060330

DOCDB simple family (application)

EP 05291920 A 20050916; AT 05291920 T 20050916; DE 602005012468 T 20050916; FR 0409982 A 20040921; JP 2005273194 A 20050921; US 23214705 A 20050920