

Title (en)
COMPACT LIGHTING DEVICE FOR VEHICLES

Title (de)
KOMPAKTE BELEUCHTUNGSVORRICHTUNG FÜR FAHRZEUGE

Title (fr)
DISPOSITIF D'ÉCLAIRAGE COMPACT POUR VÉHICULES

Publication
EP 3260764 B1 20211110 (EN)

Application
EP 17176856 A 20170620

Priority
IT UA20164515 A 20160620

Abstract (en)
[origin: EP3260764A1] Lighting device (1) comprising a LED light source (2) and an optical system (3) for collecting and distributing according to a desired photometric profile a light beam produced by said LED light source; wherein the optical system comprises: a refractive lens (5) arranged in front of the LED light source and in a distal position from the LED light source; and a collimator element (6) arranged in a position close to the LED light source and designed to concentrate the light beam in a focal point (F) arranged between the collimator element and the refractive lens and lying on an optical axis (X) connecting the centre line of the collimator element with the centre line of the refractive lens.

IPC 8 full level
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CPC (source: CN EP US)
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Citation (examination)
WO 2015198527 A1 20151230 - PANASONIC IP MAN CO LTD [JP]

Cited by
FR3145398A1; EP3839324A1; FR3103877A1; US11047542B2; FR3085740A1; FR3123963A1; EP3597986A1; FR3084137A1; WO2020001413A1; US11447066B2; WO2021122565A1; WO2024161071A1; WO2021105058A1; WO2022258901A1

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