

Title (en)
LIGHTING AND/OR SIGNALLING DEVICE GENERATING UNIFORM LIGHT ON A SCREEN

Title (de)
BELEUCHTUNGS- UND/ODER SIGNALISIERUNGSVORRICHTUNG ZUR ERZEUGUNG EINES GLEICHMÄSSIGEN LICHTS AUF EINEM BILDSCHIRM

Title (fr)
DISPOSITIF D'ÉCLAIRAGE ET/OU DE SIGNALISATION GENERANT UNE LUMIERE HOMOGENE SUR UN ECRAN

Publication
EP 3158258 B1 20210113 (FR)

Application
EP 15732826 A 20150601

Priority
• FR 1455627 A 20140619
• FR 2015051436 W 20150601

Abstract (en)
[origin: WO2015193575A1] The invention relates to a lighting and/or signalling device (20) comprising a plurality of adjacent light sources (39) capable of emitting light beams (10), a reflector (50) arranged facing the plurality of light sources (39) and capable of reflecting the light beams emitted by the plurality of light sources (39) and a screen (60) capable of receiving and diffusing the light beams (10) reflected by the reflector (50), characterised in that said reflector (50) is shaped so as to have a single concave reflecting surface (51), extending facing the plurality of light sources (39) and in which the dimensions (L, t, H and R) are suitable for illuminating at least one predefined pattern (61 or 62) on the screen (60), the reflective surface (51) of the reflector (50) including a curve with variable radius (R) following a parabolic profile, and the reflector being provided in the form of a sheet obtained by profiling a plastic material; the reflective surface (51) being a layer of light-reflecting material added to the concave portion of the reflector (50) or coloured in the mass.

IPC 8 full level
F21S 43/40 (2018.01); **F21W 107/10** (2018.01)

CPC (source: EP US)
F21S 43/14 (2017.12 - EP US); **F21S 43/26** (2017.12 - EP US); **F21S 43/33** (2017.12 - EP US); **F21S 43/40** (2017.12 - EP US); **F21S 43/50** (2017.12 - EP US)

Citation (examination)
• US 2011317442 A1 20111229 - MAKIUCHI KAZUYA [JP], et al
• US 2012163031 A1 20120628 - OKADA HIDETAKA [JP], et al
• FR 2986305 A1 20130802 - AUTOMOTIVE LIGHTING REAR LAMPS FRANCE [FR]
• FR 2953276 A1 20110603 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
• DE 102008019125 A1 20091022 - VOLKSWAGEN AG [DE]

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
FR 3022608 A1 20151225; FR 3022608 B1 20180720; CN 106662303 A 20170510; CN 106662303 B 20191224; EP 3158258 A1 20170426; EP 3158258 B1 20210113; WO 2015193575 A1 20151223

DOCDB simple family (application)
FR 1455627 A 20140619; CN 201580032827 A 20150601; EP 15732826 A 20150601; FR 2015051436 W 20150601