

Title (en)

OPTICAL BLOCK OF A VEHICLE WITH A MASK HAVING A PHOTOVOLTAIC CELL POWERING MEANS FOR HEATING THE LENS

Title (de)

OPTISCHER BLOCK EINES FAHRZEUGS MIT EINER BLENDE MIT PHOTOVOLTAISCHEN ZELLEN ZUM VERSORGEN VON MITTELN ZUR ERWÄRMUNG DER LINSE

Title (fr)

BLOC OPTIQUE DE VÉHICULE À MASQUE À CELLULE PHOTOVOLTAÏQUE ALIMENTANT DES MOYENS DE CHAUFFAGE DE LA GLACE

Publication

EP 3186547 A1 20170705 (FR)

Application

EP 15759865 A 20150727

Priority

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- FR 2015052078 W 20150727

Abstract (en)

[origin: WO2016030597A1] The invention relates to a optical block (BO) which is suitable for being provided on a vehicle and comprises a lens (G), heating means (MC) producing heat energy intended for heating the lens (G), at least one source (SL) generating photons intended for participating in a photometric function, at least one lens (L) suitable for deflecting the generated photons so as to direct same towards the lens (G), and at least one mask (M) comprising a surface (FM) suitable for reflecting incident photons which are not directed towards the lens (G) and comprising at least one photovoltaic cell (CP) arranged so as to convert received incident photons into an electric current suitable for powering the heating means (MC).

IPC 8 full level

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CPC (source: CN EP US)

F21S 9/037 (2013.01 - CN); **F21S 45/60** (2017.12 - EP US); **F21V 5/04** (2013.01 - CN); **F21V 7/10** (2013.01 - CN); **F21V 14/06** (2013.01 - CN); **F21S 9/037** (2013.01 - EP); **F21S 41/143** (2017.12 - EP US); **F21S 41/635** (2017.12 - EP)

Citation (search report)

See references of WO 2016030597A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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