

Title (en)

METHOD AND DEVICE FOR IMPROVING CAMERA IMAGES FOR DRIVER ASSISTANCE SYSTEMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBESSERUNG VON KAMERAUFNAHMEN FÜR FAHRERASSISTENZSYSTEME

Title (fr)

PROCÉDÉ ET DISPOSITIF SERVANT À AMÉLIORER DES PRISES DE VUE DE CAMÉRA POUR DES SYSTÈMES D'ASSISTANCE AU CONDUCTEUR

Publication

**EP 3619913 A1 20200311 (DE)**

Application

**EP 18733504 A 20180502**

Priority

- DE 102017207376 A 20170503
- DE 2018200044 W 20180502

Abstract (en)

[origin: WO2018202261A1] The invention relates to a method for removing flare caused by scattered light from an image of a vehicle camera. An image of the external surroundings of a vehicle is captured by means of a vehicle camera which is disposed in or on the vehicle. A curve (7) of a total intensity within the image is also determined, the total intensity being caused by desired light and scattered light which passes into the detection region of the vehicle camera. An approximation function (8) of a curve of a lower limit of the scattered light intensity is also estimated, and the estimated approximation function (8) is subtracted from the determined curve (7) of the total intensity. The image with corrected scattered light is provided.

IPC 8 full level

**H04N 5/357** (2011.01)

CPC (source: EP US)

**H04N 23/71** (2023.01 - US); **H04N 23/76** (2023.01 - US); **H04N 25/61** (2023.01 - EP)

Citation (search report)

See references of WO 2018202261A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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