

Title (en)

VEHICLE CAMERA SYSTEM AND METHOD FOR PROVIDING A CONTINUOUS IMAGE OF THE VEHICLE SURROUNDINGS

Title (de)

FAHRZEUGKAMERASYSTEM UND VERFAHREN ZUR BEREITSTELLUNG EINES LÜCKENLOSEN BILDES DER FAHRZEUGUMGEBUNG

Title (fr)

SYSTÈME DE CAMÉRA DE VÉHICULE ET PROCÉDÉ POUR FOURNIR UNE IMAGE SANS INTERRUPTION DE L'ENVIRONNEMENT DU VÉHICULE

Publication

EP 2719173 A1 20140416 (DE)

Application

EP 12727346 A 20120604

Priority

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Abstract (en)

[origin: WO2012168170A1] The invention relates to a vehicle camera system for providing a continuous image of the vehicle surroundings by means of at least one camera which is designed to produce images of the vehicle surroundings. The claimed vehicle camera system comprises at least one local image processing unit, which is associated with the at least one camera and designed to carry out a non-linear transformation of at least one image of the vehicle surroundings, captured by the camera, in at least one partial image which corresponds to a predefined image section of image of the vehicle surroundings. Said claimed vehicle camera system also comprises a central image processing unit which is designed to take over the partial image generated by the at least one local image processing unit by means of the non-linear transformation and to insert it into an image of the vehicle surroundings for producing a continuous overall image of at least one area.

IPC 8 full level

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CPC (source: EP US)

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