Title (en)
IMAGE ADJUSTMENT METHOD FOR A VIDEO IMAGE

Title (de)
BILDJUSTAGEVERFAHREN FÜR EIN VIDEOBILD

Title (fr)
PROCÉDÉ DE RÉGLAGE D'IMAGE DESTINÉ À UNE IMAGE VIDÉO

Publication
EP 2243301 A1 20101027 (DE)

Application
EP 08870994 A 20081110

Priority
• EP 2008065240 W 20081110
• DE 102008004370 A 20080115

Abstract (en)
[origin: WO2009089932A1] The invention relates to an image adjustment method for a video image that is continuously acquired from the environment surrounding a motor vehicle by way of an image sensor (10a) of a first camera (10) of the motor vehicle through pixels arranged in image rows, said video image being displayed on a display device (14) of the motor vehicle, said adjustment regarding a rotation relative to at least one reference object. In a first step, the video image is measured by way of the at least one reference object, wherein a required rotational angle of the video image relative to the reference object is determined as a measurement result, according to which a corresponding shear factor for the image rows is determined in a second step from the required rotational angle determined, in particular taking into account the row width, and according to which an image processing device (12) stores the shear factor in a third step and uses it for continuous shearing of the image rows.

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Citation (examination)
• WO 0250770 A1 20020627 - BOSCH GMBH ROBERT [DE], et al
• WO 9529461 A1 19951102 - SARNOFF DAVID RES CENTER [US]
• JP 2006285575 A 20061019 - FUJI PHOTO FILM CO LTD
• See also references of WO 2009089932A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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