

Title (en)
METHOD FOR THE MANIPULATION OF IMAGE DATA FOR A SCREEN

Title (de)
VERFAHREN ZUR MANIPULATION VON BILDDATEN FÜR EINEN BILDSCHIRM

Title (fr)
PROCÉDÉ DE MANIPULATION DE DONNÉES D'IMAGE POUR UN ÉCRAN

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Application
EP 19727638 A 20190528

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Abstract (en)
[origin: WO2019229020A1] The invention relates to a method for the manipulation of image data for a screen (1) that can be operated in at least two modes of operation B1 for a free viewing mode and B2 for a restricted viewing mode, comprising the following steps: a) switching on mode of operation B2, b) continuously or recurrently monitoring the eye position of a viewer (2) in a prescribed angle range alpha about a centre perpendicular of the screen (1), with a signal S being set if the eye position of the viewer (2) means that the screen (1) is being looked at by the viewer (2), and the signal S being erased if the eye position of the viewer (2) means that the screen (1) is not being looked at by the viewer (2), c) manipulating the image data presented on the screen (1) in regard to contrast, brightness, resolution, colour space, cross-fades and/or further image parameters, said manipulation i. being carried out to the effect that poorer visual discernability of the image data is produced, which boosts the quality of the restricted viewing mode B2, ii. being dynamically implemented in an actuation unit of the screen (1), and iii. being performed exclusively during the period of time in which the signal S is set, and d) repeating steps b) and c) up until a termination condition, for example mode of operation B2 being switched off. The advantages of the invention can be seen in particular when it is used in a vehicle.

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G09G 3/20 (2006.01)

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