Title (en)

Method and intensity adjustment system for intensity adjustment of a vehicle display

Title (de)

Verfahren und Intensitätsanpassungssystem zur Intensitätsanpassung einer Fahrzeuganzeige

Title (fr)

Procédé et système de réglage d'intensité pour ajuster l'intensité d'un affichage de véhicule

Publication

EP 2779149 A1 20140917 (EN)

Application

EP 13159332 A 20130315

Priority

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Abstract (en)

The present disclosure relates to a method performed by an intensity adjustment system (12) for temporarily providing intensity adjustment of a display (14) of a vehicle (10) for which display backlighting intensity has been set to a reduced backlighting intensity level (33), and which display displays at least one low priority element (31,32) constituted by display pixels and associated with low priority information. The intensity adjustment system determines (402) that at least one high priority element (37) associated with high priority information is due to be displayed on said display; temporarily increases (406) the display backlighting intensity; temporarily reduces (408) an intensity of a color components setting of at least one of the display pixels constituting the at least one low priority element, such that for the at least one of the display pixels, an aggregated intensity level based on the display backlighting intensity added to the intensity of the color components setting, remains unchanged. Furthermore, the intensity adjustment system displays (410) the high priority element, whereby the at least one high priority element temporarily appears brighter than the at least one low priority element. Thereby, visual comfort and high visual quality may be maintained, in that - while the display backlighting intensity is temporarily increased - the high priority element(s) is temporarily displayed with relatively high brightness compared to the low priority element(s). The disclosure also relates to an intensity adjustment system in accordance with the foregoing, as well as a vehicle comprising such an intensity adjustment system.

IPC 8 full level

G09G 3/34 (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP)

G09G 3/36 (2013.01); G09G 2320/0613 (2013.01); G09G 2320/062 (2013.01); G09G 2380/10 (2013.01)

Citation (search report)

- [I] US 2009073327 A1 20090319 - WATANABE YOSHINORI [JP], et al
- [I] US 2010182354 A1 20100722 - SHIRATSUCHI TOSHIHARU [JP], et al
- [I] US 2010079367 A1 20100401 - YOKOTA NAOKI [JP], et al
- [I] US 2010103204 A1 20100429 - SHIBATA YUKIHIDE [JP], et al
- [I] US 2011050738 A1 20110303 - FUJIOKA KAZUYOSHI [JP], et al
- [A] US 2008252579 A1 20081016 - KATO MIKI [JP], et al

Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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