

Title (en)

DEVICE FOR DISPLAYING INFORMATION, IN PARTICULAR FOR A VEHICLE

Title (de)

VORRICHTUNG ZUR ANZEIGE VON INFORMATION, INSBESONDERE FÜR EIN FAHRZEUG

Title (fr)

DISPOSITIF D'AFFICHAGE D'INFORMATIONS, EN PARTICULIER POUR UN VÉHICULE

Publication

EP 4193354 A1 20230614 (DE)

Application

EP 21758097 A 20210805

Priority

- DE 102020120599 A 20200805
- EP 2021071893 W 20210805

Abstract (en)

[origin: WO2022029239A1] The device (10) for displaying information, in particular for a vehicle, is furnished with a display unit (12), which has a plurality of pixels and which has a front side (16), which forms the display surface (18) for displaying information, and a rear side (22), which faces away from the front side (16). The device further has a back-lighting unit (20) for emitting backlight toward the rear side (22) of the display unit (12) for back-lighting same and an adjustable transfective layer (24) between the back-lighting unit (20) and the display unit (12). The adjustable transfective layer (24) has an array of segments (28), each of which is controllable by means of an electrical control signal to adjust the degree of transmission and/or reflection and thus dimmable. The contrast of information shown on the display surface (18) can be adjusted by dimming, as a result of controlling the segments, those pixels of the display unit (12) which are arranged in alignment with the segment or segments (28) concerned and are assigned to same.

IPC 8 full level

G09G 3/34 (2006.01); **G09G 3/19** (2006.01); **G09G 3/36** (2006.01); **G09G 3/38** (2006.01)

CPC (source: EP KR US)

B60K 35/00 (2013.01 - KR); **B60K 35/22** (2024.01 - KR); **B60K 37/00** (2013.01 - KR); **G02B 6/0068** (2013.01 - US); **G02F 1/133605** (2013.01 - US); **G02F 1/13478** (2021.01 - US); **G02F 1/137** (2013.01 - US); **G06F 3/041** (2013.01 - US); **G09G 3/19** (2013.01 - EP KR); **G09G 3/3406** (2013.01 - EP); **G09G 3/3426** (2013.01 - EP KR US); **G09G 3/36** (2013.01 - US); **G09G 3/3611** (2013.01 - EP KR); **G09G 3/38** (2013.01 - EP KR); **G02F 1/13338** (2013.01 - US); **G02F 2203/09** (2013.01 - US); **G02F 2203/48** (2013.01 - US); **G09G 2300/023** (2013.01 - EP KR); **G09G 2300/0456** (2013.01 - EP KR); **G09G 2320/0626** (2013.01 - EP US); **G09G 2320/066** (2013.01 - KR); **G09G 2380/10** (2013.01 - EP KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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