

Title (en)

OPTICAL MIRROR ASSEMBLY FOR A HEAD-UP DISPLAY AND PRODUCTION METHOD THEREOF

Title (de)

OPTISCHE SPIEGELANORDNUNG FÜR EIN HEADUP-DISPLAY UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

ENSEMBLE DE MIROIR OPTIQUE POUR UN AFFICHAGE TÊTE HAUTE ET SON PROCÉDÉ DE PRODUCTION

Publication

**EP 3314312 A1 20180502 (EN)**

Application

**EP 15751076 A 20150629**

Priority

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Abstract (en)

[origin: WO2017001889A1] Optical mirror assembly for a head-up display comprising a moulded mirror (2) having a front- and a back-surface, wherein the front-surface is metalized (with e.g. aluminium) and a plurality of moulded members (5-7) laser-welded to the back-surface for supporting and rotating said optical mirror assembly. The moulded members can be two rotational bearings (5, 6) or couplings (e.g. poka-yoke), a motor- and a spring-support (7). The moulded mirror (2) can be made of a thermoplastic material that is transparent to the laser-wavelength used for welding and the moulded members (5-7) made of a thermoplastic material that is not transparent to this laser-wavelength.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017001889A1

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