Title (en)
HEAD-UP DISPLAY AND FOLDING MIRROR IN SUCH A DISPLAY, METHOD AND MOULD FOR MANUFACTURING SUCH A DISPLAY

Title (de)
HEAD-UP-ANZEIGE UND KLAPPSPIEGEL IN SOLCH EINER ANZEIGE, VERFAHREN UND FORM ZUR HERSTELLUNG SOLCH EINER ANZEIGE

Title (fr)
AFFICHEUR TÊTE-HAUTE ET MIROIR DE REPLIEMENT DANS UN TEL AFFICHEUR, PROCÉDÉ ET MOULE DE FABRICATION D'UN TEL AFFICHEUR

Publication
EP 4260128 A1 20231018 (FR)

Application
EP 21836411 A 20211209

Priority
• FR 2012940 A 20201209
• EP 2021084915 W 20211209

Abstract (en)
[origin: WO2022122875A1] Disclosed is a head-up display (10) for displaying a virtual image (6) to an individual (4), comprising: - an image generation unit (7) capable of emitting a source light beam (9); and - an optical projection system (11) capable of forming, from the source of light beam (9), the virtual image in a field of vision of the individual, the optical projection system comprising: - a folding mirror (12) having a first surface, the first surface being a curved reflection surface facing the image generation unit in order to reflect the source light beam; and - an optical element (13) having a first surface and a second surface, the first surface being a curved, at least partially reflecting, optical surface turned towards the folding mirror in order to intercept the reflected light beam (14). The first surface of the folding mirror and the first or second surface of the optical element at least partially superimpose.

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G02B 27/01 (2006.01)

CPC (source: EP)
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