

Title (en)

WAVEFRONT MANIPULATOR FOR A HEAD-UP DISPLAY, OPTICAL ARRANGEMENT, AND HEAD-UP DISPLAY

Title (de)

WELLENFRONTMANIPULATOR FÜR HEAD-UP-DISPLAY, OPTISCHE ANORDNUNG UND HEAD-UP-DISPLAY

Title (fr)

MANIPULATEUR DE FRONT D'ONDE POUR UN AFFICHAGE TÊTE HAUTE, AGENCEMENT OPTIQUE ET AFFICHAGE TÊTE HAUTE

Publication

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Application

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Abstract (en)

[origin: WO2022194466A1] The invention relates to a wavefront manipulator (3) to be arranged in the beam path (20) of a head-up display (10) between a projection lens (2) and a curved projection surface (14) having a number of fixed characteristics, the wavefront manipulator (3) comprising a plurality of optical elements (7, 8, 9, 22) with different representational functions, each representational function at least partly correcting an aberration caused by at least one fixed characteristic of the curved projection surface (14).

IPC 8 full level

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