

Title (en)
WAVEFRONT MANIPULATOR FOR A HEAD-UP DISPLAY, SAID WAVEFRONT MANIPULATOR COMPRISING A HOLOGRAPHIC ELEMENT, OPTICAL ASSEMBLY, AND HEAD-UP DISPLAY

Title (de)
WELLENFRONTMANIPULATOR FÜR HEAD-UP-DISPLAY MIT HOLOGRAPHISCHEM ELEMENT, OPTISCHE ANORDNUNG UND HEAD-UP-DISPLAY

Title (fr)
MANIPULATEUR DE FRONT D'ONDE POUR UN AFFICHAGE TÊTE HAUTE, LEDIT MANIPULATEUR DE FRONT D'ONDE COMPRENANT UN ÉLÉMENT HOLOGRAPHIQUE, ENSEMBLE OPTIQUE ET AFFICHAGE TÊTE HAUTE

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Abstract (en)
[origin: WO2022189275A1] The invention relates to a wavefront manipulator (7) for arrangement in the optical path (8, 19, 20) of a head-up display (10) between an imaging unit (1) and a projection surface (4). The wavefront manipulator (7) comprises a holographic assembly (3) which has at least two holographic elements (11, 12), the at least two holographic elements (11, 12) being arranged directly behind one another in the optical path (8, 19, 20) and being designed to be reflective for at least one fixed wavelength and a fixed irradiation angle range.

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