

Title (en)
HEAD-MOUNTED DISPLAY (HMD) WITH SPATIALLY-VARYING RETARDER OPTICS

Title (de)
AM KOPF MONTIERTE ANZEIGE (HMD) MIT RÄUMLICH VARIIERENDER RETARDEROPTIK

Title (fr)
VISIOCASQUE (HMD) COMPRENANT UNE OPTIQUE À RETARDATEUR VARIANT DANS L'ESPACE

Publication
EP 4025952 A4 20231108 (EN)

Application
EP 20890923 A 20201119

Priority
• US 201916692823 A 20191122
• US 2020061293 W 20201119

Abstract (en)
[origin: WO2021102148A1] A head-mounted display, or other near-to-eye display, incorporates optics that include a spatially-varying retarder (SVR). The SVR may be manufactured with a correction factor applied thereto in order to compensate for one or more manufacturing errors that are exhibited in a molded lens and/or a polarizing beam splitter included in the optics of the system.

IPC 8 full level
G02B 27/00 (2006.01); **G02B 27/28** (2006.01)

CPC (source: EP KR)
G02B 5/3083 (2013.01 - EP KR); **G02B 27/0018** (2013.01 - EP KR); **G02B 27/0172** (2013.01 - EP KR); **G02B 27/283** (2013.01 - EP KR); **G02B 27/62** (2013.01 - EP KR)

Citation (search report)
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• See references of WO 2021102148A1

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

DOCDB simple family (publication)
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DOCDB simple family (application)
US 2020061293 W 20201119; CN 202080079363 A 20201119; EP 20890923 A 20201119; JP 2022523482 A 20201119; KR 20227011928 A 20201119