

Title (en)
NEAR-TO-EYE DISPLAY DEVICE

Title (de)
AUGENNAHES ANZEIGESYSTEM

Title (fr)
DISPOSITIF D'AFFICHAGE PROCHE DE L'OEIL

Publication
EP 3237957 A1 20171101 (EN)

Application
EP 14850109 A 20141226

Priority
TR 2014000512 W 20141226

Abstract (en)
[origin: WO2016105281A1] A near-to-eye display device includes a spatial light modulator. The spatial light modulator modulates an illumination wave to create a virtual scene wave that is steered to a useful portion of an exit pupil plane. Higher diffraction orders and noise beams are filtered out by the user's pupil acting as a spatial filter.

IPC 8 full level
G02B 27/01 (2006.01); **G03H 1/34** (2006.01)

CPC (source: CN EP)
G02B 27/0093 (2013.01 - CN EP); **G02B 27/0172** (2013.01 - CN EP); **G03H 1/08** (2013.01 - CN EP); **G03H 1/2294** (2013.01 - CN EP); **G02B 2027/0105** (2013.01 - CN EP); **G02B 2027/0178** (2013.01 - CN EP); **G02B 2027/0187** (2013.01 - CN EP); **G03H 2001/2231** (2013.01 - CN EP); **G03H 2001/2234** (2013.01 - CN EP); **G03H 2001/226** (2013.01 - CN EP); **G03H 2225/60** (2013.01 - CN EP); **G03H 2227/02** (2013.01 - CN EP); **G03H 2227/06** (2013.01 - CN EP); **G03H 2270/55** (2013.01 - CN EP)

Citation (search report)
See references of WO 2016105281A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016105281 A1 20160630; CN 107438796 A 20171205; CN 107438796 B 20200703; EP 3237957 A1 20171101

DOCDB simple family (application)
TR 2014000512 W 20141226; CN 201480084628 A 20141226; EP 14850109 A 20141226