

Title (en)

IMAGE GENERATING DEVICE AND HEAD-UP DISPLAY

Title (de)

BILDERZEUGUNGSVORRICHTUNG UND HEAD-UP-ANZEIGE

Title (fr)

DISPOSITIF DE GÉNÉRATION D'IMAGE ET AFFICHEUR TÊTE HAUTE

Publication

**EP 3488273 A1 20190529 (FR)**

Application

**EP 17745695 A 20170720**

Priority

- FR 1657045 A 20160722
- EP 2017068387 W 20170720

Abstract (en)

[origin: WO2018015501A1] An image generating device (3) comprises a liquid-crystal screen (8) and a light source (5). The liquid-crystal screen (8) comprises a matrix of liquid crystals interposed between an input polariser and an output polariser. The image generating device (3) comprises a first additional polariser (16) located on the light path, upstream of said liquid-crystal screen (8), and a second additional polariser (18) located on the light path, downstream of said liquid-crystal screen (8). The invention also relates to a head-up display (1) comprising a device (3) of this type.

IPC 8 full level

**G02B 5/30** (2006.01); **G02B 27/01** (2006.01); **G02F 1/1335** (2006.01); **G03B 21/20** (2006.01)

CPC (source: EP US)

**G02B 5/30** (2013.01 - EP); **G02B 27/0101** (2013.01 - EP US); **G02F 1/133528** (2013.01 - EP); **G02F 1/133531** (2021.01 - US); **G02F 1/133536** (2013.01 - EP US); **G02F 1/133606** (2013.01 - US); **G03B 21/006** (2013.01 - EP); **G03B 21/2073** (2013.01 - EP); **G02B 5/0278** (2013.01 - EP); **G02B 2027/012** (2013.01 - EP)

Citation (search report)

See references of WO 2018015501A1

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 2018015501 A1 20180125**; CN 109690370 A 20190426; EP 3488273 A1 20190529; FR 3054328 A1 20180126; FR 3054328 B1 20190816; US 11204496 B2 20211221; US 2021141218 A1 20210513

DOCDB simple family (application)

**EP 2017068387 W 20170720**; CN 201780056330 A 20170720; EP 17745695 A 20170720; FR 1657045 A 20160722; US 201716319645 A 20170720