

Title (en)

COMPACT HEAD-UP DISPLAY HAVING A LARGE EXIT PUPIL

Title (de)

KOMPAKTE ÜBERKOPFANZEIGE MIT GROSSER AUSTRITTSPUPILLE

Title (fr)

VISEUR TÊTE HAUTE COMPACT A GRANDE PUPILLE DE SORTIE

Publication

**EP 2841982 A1 20150304 (FR)**

Application

**EP 13723862 A 20130424**

Priority

- FR 1253725 A 20120424
- FR 2013050907 W 20130424

Abstract (en)

[origin: WO2013160613A1] The invention relates to a head-up display including an element (10) suitable for overlaying a first image of a scene (14) on a second image from a projection system, the projection system including a screen (24) and an optical system (26), the screen (24) being divided into sub-screens (24A, 24B, 24C), each of which display the second image, the optical system (26) including a set of optical subsystems (26A, 26B, 26C) positioned opposite each sub-screen (24A, 24B, 24C), the screen being positioned within the object focal plane of each optical sub-system (26A, 26B, 26C).

IPC 8 full level

**G02B 27/01** (2006.01)

CPC (source: EP US)

**G02B 5/28** (2013.01 - EP US); **G02B 27/0101** (2013.01 - EP US); **G02B 27/1066** (2013.01 - US); **G02B 2027/0123** (2013.01 - EP US); **G02B 2027/0147** (2013.01 - EP US)

Citation (search report)

See references of WO 2013160613A1

Citation (examination)

- IL 178532 A 20080807 - AMITAI YAACOV [IL], et al
- US 2004108971 A1 20040610 - WALDERN JONATHAN D [US], et al

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)

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DOCDB simple family (publication)

**FR 2989791 A1 20131025; FR 2989791 B1 20141226**; CA 2870922 A1 20131031; EP 2841982 A1 20150304; US 2015301334 A1 20151022; US 9864193 B2 20180109; WO 2013160613 A1 20131031

DOCDB simple family (application)

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