

Title (en)  
COMPACT AND ENERGY-EFFICIENT HEAD-UP VISOR

Title (de)  
KOMPAKTES UND ENERGIEEFFIZIENTES HEAD-UP-VISIER

Title (fr)  
VISEUR TETE HAUTE COMPACT A FAIBLE CONSOMMATION D'ENERGIE

Publication  
**EP 2856220 A2 20150408 (FR)**

Application  
**EP 13728502 A 20130527**

Priority

- FR 1254899 A 20120528
- FR 2013051172 W 20130527

Abstract (en)  
[origin: WO2013178925A2] The invention relates to a head-up display comprising a group of optical sub-systems (261, 262, 263) formed in a single plane and having focal lengths that increase moving away from the main optical axis of the display. The display also comprises sub-screens (241, 242, 243), the positions and dimensions of which are defined according to: the length of the optical path (D), the focal lengths of the optical sub-systems, and a maximum authorised length of movement in a plane perpendicular to the optical axis and located at a distance equal to the length of the optical path, such that the information projected by the group of sub-screens can be seen along the entire authorised length of movement.

IPC 8 full level  
**G02B 3/00** (2006.01); **G02B 27/01** (2006.01)

CPC (source: EP US)  
**G02B 3/0006** (2013.01 - EP US); **G02B 27/0101** (2013.01 - EP US); **G02B 27/0149** (2013.01 - US); **G02B 2027/0123** (2013.01 - EP US);  
**G02B 2027/0132** (2013.01 - US); **G02B 2027/015** (2013.01 - US)

Citation (search report)  
See references of WO 2013178925A2

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)  
**FR 2991061 A1 20131129; FR 2991061 B1 20150227**; CA 2873665 A1 20131205; EP 2856220 A2 20150408; US 2015103409 A1 20150416;  
WO 2013178925 A2 20131205; WO 2013178925 A3 20140313

DOCDB simple family (application)  
**FR 1254899 A 20120528**; CA 2873665 A 20130527; EP 13728502 A 20130527; FR 2013051172 W 20130527; US 201314403492 A 20130527