

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

Title (de)  
KOMPAKTE UND ENERGIEEFFIZIENTE HEAD-UP-ANZEIGE

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

Publication  
**EP 2856221 A2 20150408 (FR)**

Application  
**EP 13729995 A 20130527**

Priority  
• FR 1254900 A 20120528  
• FR 2013051173 W 20130527

Abstract (en)  
[origin: WO2013178926A2] The invention relates to a head-up display comprising sub-screens (241, 242,..., 245), the positions and dimensions of which are defined according to the length of the optical path (D) and the maximum authorised length of movement in a plane that is perpendicular to the optical path 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 over the entire authorised length of movement. The display is characterised in that the luminous intensity of the sub-screens increases the further they are from the main optical axis of the display.

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 2027/0118** (2013.01 - EP US);  
**G02B 2027/0123** (2013.01 - EP US); **G02B 2027/0132** (2013.01 - US); **G02B 2027/015** (2013.01 - US); **G02B 2027/0161** (2013.01 - US)

Citation (search report)  
See references of WO 2013178926A2

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 2991062 A1 20131129; FR 2991062 B1 20150227**; CA 2873670 A1 20131205; EP 2856221 A2 20150408; US 2015138644 A1 20150521;  
WO 2013178926 A2 20131205; WO 2013178926 A3 20140313

DOCDB simple family (application)  
**FR 1254900 A 20120528**; CA 2873670 A 20130527; EP 13729995 A 20130527; FR 2013051173 W 20130527; US 201314403816 A 20130527