

Title (en)

Device and method for landing assistance with indications helping visibility of external world

Title (de)

Vorrichtung und Verfahren zur Landungsunterstützung mit Anweisungen zur Verbesserung der Sichtbarkeit der Aussenwelt

Title (fr)

Dispositif et procédé d'aide à l'atterrissage avec indications aidant à la visibilité du monde extérieur

Publication

EP 2296129 B1 20121114 (FR)

Application

EP 10166828 A 20100622

Priority

FR 0903041 A 20090623

Abstract (en)

[origin: US2010321488A1] A landing aid device for an aircraft includes: means for generating video images of a portion of the field of vision, the device comprising a sensor situated in front of the aircraft intended for picture-taking during poor visibility conditions; means for extracting contours of video images delivered by the means for generating images making it possible to delimit at least one first known shape included in each image; a first head up display, a display zone of which occupies a portion of the visor of the cockpit superimposed on the exterior landscape; and means for generating a symbology for generating information representing symbols intended to aid piloting and displayed on the display, wherein at least one first symbol comprising landing aid information is generated on the basis of the contours of the first shape and displayed on the display.

IPC 8 full level

G08G 5/00 (2006.01); **G08G 5/02** (2006.01)

CPC (source: EP US)

G08G 5/0021 (2013.01 - EP US); **G08G 5/025** (2013.01 - EP US)

Cited by

FR3058252A1; FR3030097A1; US10597168B2; WO2016097572A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2010321488 A1 20101223; **US 8462205 B2 20130611**; EP 2296129 A1 20110316; EP 2296129 B1 20121114; FR 2947083 A1 20101224; FR 2947083 B1 20111111

DOCDB simple family (application)

US 82184310 A 20100623; EP 10166828 A 20100622; FR 0903041 A 20090623