

Title (en)  
IMPROVED AIRCRAFT DOCKING SYSTEM

Title (de)  
VERBESSERTES FLUGZEUG-DOCKING-SYSTEM

Title (fr)  
DISPOSITIF D'ATTERISSAGE AMÉLIORÉ POUR DES AÉRONEFS

Publication  
**EP 2005406 A4 20120829 (EN)**

Application  
**EP 06717039 A 20060321**

Priority  
SE 2006000354 W 20060321

Abstract (en)  
[origin: WO2007108726A1] An aircraft docking system (115, 117) is configured to be located at a docking site (103, 105). The system comprises distance determining means configured to determine, using electromagnetic radiation signal reception means, at least a distance between the system and an aircraft (111, 113). The distance determining means are further configured to measure at least one property of a receiver signal received by the signal reception means, the property being related to the visibility at the docking site, compare said measure of the at least one receiver signal property with a threshold value and, depending on the comparison, provide a signal indicative of whether or not the visibility at the docking site is good enough to allow safe docking of the aircraft.

IPC 8 full level  
**G08G 5/06** (2006.01); **B64F 1/00** (2024.01); **G08G 5/00** (2006.01)

CPC (source: EP KR)  
**B64F 1/00** (2013.01 - KR); **B64F 1/002** (2013.01 - EP); **G08G 5/0026** (2013.01 - EP); **G08G 5/0082** (2013.01 - EP); **G08G 5/06** (2013.01 - KR)

Citation (search report)

- [A] US 5914776 A 19990622 - STREICHER JURGEN [DE]
- [A] US 2003076485 A1 20030424 - RUFF WILLIAM C [US], et al
- See also references of WO 2007108726A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**WO 2007108726 A1 20070927; WO 2007108726 A9 20080904**; BR PI0621467 A2 20111213; BR PI0621467 B1 20180717; CA 2646459 A1 20070927; CA 2646459 C 20151222; CN 101401138 A 20090401; CN 101401138 B 20110420; EP 2005406 A1 20081224; EP 2005406 A4 20120829; JP 2009530181 A 20090827; JP 4938838 B2 20120523; KR 101127726 B1 20120323; KR 20080113194 A 20081229; RU 2008141711 A 20100427; RU 2416822 C2 20110420

DOCDB simple family (application)  
**SE 2006000354 W 20060321**; BR PI0621467 A 20060321; CA 2646459 A 20060321; CN 200680053899 A 20060321; EP 06717039 A 20060321; JP 2009501374 A 20060321; KR 20087019261 A 20060321; RU 2008141711 A 20060321