

Title (en)

METHOD FOR MONITORING BACKWARD MOVEMENT OF AN AIRCRAFT AT AN AIRPORT STAND

Title (de)

VERFAHREN ZUR ÜBERWACHUNG DER RÜCKWÄRTSBEWEGUNG EINES FLUGZEUGS AN EINEM FLUGHAFENSTAND

Title (fr)

PROCÉDÉ DE SURVEILLANCE DU DÉPLACEMENT ARRIÈRE D'UN AÉRONEF SUR UN POSTE DE STATIONNEMENT D'AÉROPORT

Publication

EP 4109433 A1 20221228 (EN)

Application

EP 21180758 A 20210622

Priority

EP 21180758 A 20210622

Abstract (en)

The disclosure relates to a method for monitoring backward movement of a first aircraft (10) at a first airport stand (1), the method comprising: receiving, from a first docking system (100) arranged at the first airport stand (1), first sensor data which pertains to a movement behaviour of the first aircraft (10), receiving, from a second docking system (200) arranged at a second airport stand (2), second sensor data which pertains to a movement behaviour of a second aircraft (20, 30), receiving aircraft data which pertains to an expected movement behaviour of at least one of: the first aircraft (10) and the second aircraft (20, 30), comparing the first sensor data with at least one of the second sensor data and the aircraft data; and outputting an alarm signal in response to determining that the movement behaviour of the first aircraft fails to meet a predetermined movement behaviour criterion.

IPC 8 full level

G08G 5/00 (2006.01); **G08G 5/04** (2006.01); **G08G 5/06** (2006.01)

CPC (source: EP)

G08G 5/0026 (2013.01); **G08G 5/0082** (2013.01); **G08G 5/045** (2013.01); **G08G 5/065** (2013.01)

Citation (search report)

- [I] EP 3764342 A1 20210113 - HONEYWELL INT INC [US]
- [A] US 2021065567 A1 20210304 - SRIVASTAV AMIT [US], et al
- [A] US 2003169335 A1 20030911 - MONROE DAVID A [US]
- [A] EP 3680689 A1 20200715 - ADB SAFEGATE SWEDEN AB [SE]

Cited by

CN117421542A

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4109433 A1 20221228; TW 202324325 A 20230616; WO 2022268752 A1 20221229

DOCDB simple family (application)

EP 21180758 A 20210622; EP 2022066788 W 20220621; TW 111122046 A 20220614