

Title (en)

METHOD AND SYSTEM FOR DETERMINING A FRICTIONAL COEFFICIENT OF AN AIRCRAFT ON A RUNWAY

Title (de)

VERFAHREN UND SYSTEM ZUR BESTIMMUNG EINES REIBUNGSKOEFFIZIENTEN EINES FLUGZEUGS AUF EINER LANDEBAHN

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTERMINATION D'UN COEFFICIENT DE FRICTION D'UN AVION SUR UNE PISTE D'ATERRISSAGE

Publication

**EP 4377941 A1 20240605 (FR)**

Application

**EP 22755266 A 20220725**

Priority

- FR 2108133 A 20210727
- FR 2022051492 W 20220725

Abstract (en)

[origin: WO2023007083A1] Said method for determining a frictional coefficient of an aircraft on a runway comprises the steps of: - producing a database of simulated frictional coefficients for various types of aircraft and various runway conditions by applying simulation data to models that are representative of an aircraft braking during landing for various braking scenarios; and -predicting a braking coefficient from real aircraft data for which the frictional coefficient is determined from data stored in the database.

IPC 8 full level

**G08G 5/00** (2006.01); **B60T 8/00** (2006.01); **G06N 20/00** (2019.01); **G08G 5/02** (2006.01)

CPC (source: EP)

**B60T 7/18** (2013.01); **B60T 8/1703** (2013.01); **B60T 8/172** (2013.01); **B60T 8/325** (2013.01); **B64F 1/36** (2013.01); **G08G 5/0013** (2013.01); **G08G 5/0021** (2013.01); **G08G 5/0026** (2013.01); **G08G 5/0091** (2013.01); **G08G 5/025** (2013.01); **B60T 2210/12** (2013.01); **B64C 25/426** (2013.01); **G06N 20/00** (2019.01)

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)

**FR 3125800 A1 20230203**; CN 117716407 A 20240315; EP 4377941 A1 20240605; WO 2023007083 A1 20230202

DOCDB simple family (application)

**FR 2108133 A 20210727**; CN 202280053145 A 20220725; EP 22755266 A 20220725; FR 2022051492 W 20220725