

Title (en)

LOCKING DEVICE FOR SLIDING DOORS OF AIRCRAFT, ESPECIALLY OF HELICOPTERS

Title (de)

VERRIEGELUNGSVORRICHTUNG FÜR SCHIEBETÜREN VON LUFTFAHRZEUGEN, INSBESONDERE VON HUBSCHRAUBERN

Title (fr)

DISPOSITIF DE VERROUILLAGE POUR PORTES COULISSANTES D'AÉRONEFS, EN PARTICULIER D'HÉLICOPTÈRES

Publication

EP 2094923 B1 20100428 (DE)

Application

EP 07856018 A 20071126

Priority

- DE 2007002124 W 20071126
- DE 102006056441 A 20061128

Abstract (en)

[origin: US8146864B2] A locking device having a door catch system for helicopter doors, which are embodied as sliding doors, which are to be additionally moved (flush-fitted) into the closed position at right angles to the plane of the door opening in response to their closing movement, consisting of a catch (15a), which is associated with the latch (13) and which is in active connected therewith, by which catch (15a) the sliding door is "caught" directly in front of its locked position in response to a manual closing process until the sliding door has been transferred into its final closed position via the latch (13).

IPC 8 full level

E05B 53/00 (2006.01)

CPC (source: EP US)

E05B 79/20 (2013.01 - EP US); **Y10T 70/519** (2015.04 - EP US)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2010064741 A1 20100318; US 8146864 B2 20120403; AT E466156 T1 20100515; DE 102006056441 A1 20080529; DE 102006056441 B4 20100602; DE 502007003632 D1 20100610; EP 2094923 A2 20090902; EP 2094923 B1 20100428; RU 2009119722 A 20110110; RU 2413826 C2 20110310; WO 2008064649 A2 20080605; WO 2008064649 A3 20080814

DOCDB simple family (application)

US 51644307 A 20071126; AT 07856018 T 20071126; DE 102006056441 A 20061128; DE 2007002124 W 20071126; DE 502007003632 T 20071126; EP 07856018 A 20071126; RU 2009119722 A 20071126