

Title (en)

DOOR LOCK FOR DOORS OF AIRCRAFT, ESPECIALLY OF HELICOPTERS

Title (de)

TÜRSCHLOSS FÜR TÜREN VON LUFTFAHRZEUGEN, INSBESONDERE VON HUBSCHRAUBERN

Title (fr)

SERRURE POUR PORTES D'AÉRONEFS, EN PARTICULIER D'HÉLICOPTÈRES

Publication

EP 2094924 B1 20110105 (DE)

Application

EP 07856019 A 20071126

Priority

- DE 2007002125 W 20071126
- DE 102006056442 A 20061128

Abstract (en)

[origin: US2010064740A1] A door lock includes a door catch system for double door-type helicopter doors that can, when being closed, additionally be displaced perpendicularly to the plane of the door opening into the closed position (flush fitting). The door lock includes a catch element (30) associated with the latch element (31) and actively linked therewith, the catch element maintaining the door 'caught' directly in front of its locked position when the door is manually closed until the door is translated to its final closed position via the latch element (31).

IPC 8 full level

E05B 65/19 (2006.01)

CPC (source: EP US)

E05B 83/16 (2013.01 - EP US); **E05B 83/24** (2013.01 - EP US); **Y10T 70/5155** (2015.04 - EP US); **Y10T 292/0926** (2015.04 - EP US); **Y10T 292/1047** (2015.04 - EP US)

Cited by

CN102337813A

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DOCDB simple family (publication)

US 2010064740 A1 20100318; **US 8360483 B2 20130129**; AT E494444 T1 20110115; CN 101600842 A 20091209; CN 101600842 B 20120627; DE 102006056442 A1 20080605; DE 102006056442 B4 20101028; DE 502007006215 D1 20110217; EP 2094924 A2 20090902; EP 2094924 B1 20110105; WO 2008064650 A2 20080605; WO 2008064650 A3 20080821

DOCDB simple family (application)

US 51645307 A 20071126; AT 07856019 T 20071126; CN 200780043962 A 20071126; DE 102006056442 A 20061128; DE 2007002125 W 20071126; DE 502007006215 T 20071126; EP 07856019 A 20071126