

Title (en)

LIFTING DEVICE FOR A TWO-WING FOLDING FLAP

Title (de)

HEBEVORRICHTUNG FÜR EINE ZWEIFLÜGELIGE FALTKLAPPE

Title (fr)

DISPOSITIF DE LEVAGE POUR UN VOLET PLIANT À DEUX BATTANTS

Publication

**EP 1948893 A1 20080730 (DE)**

Application

**EP 07785885 A 20070703**

Priority

- EP 2007005880 W 20070703
- DE 202006015190 U 20061004

Abstract (en)

[origin: US2009139055A1] A lifting device is provided for a two-leaf folding flap whose upper leaf is hinged to a top wall or partition wall of a carcass around a horizontal first axis and whose lower leaf is pivotally connected to the upper leaf around a second axis parallel to the first axis. The lifting device has at least one two-armed lever which is pivotally mounted to a side carcass part around a horizontal pivot axis and whose longer arm is hingedly connected to the lower leaf, and at least one hinge arm which hingedly connects the leaves and is respectively fastened in hinge cups arranged in the leaves. The hinge arm is adjustable with respect to a hinge cup via a first eccentric device in one direction and via a second eccentric device in another direction perpendicular to the first direction.

IPC 8 full level

**E05D 15/26** (2006.01); **E05D 3/02** (2006.01); **E05D 5/08** (2006.01); **E05F 1/10** (2006.01)

CPC (source: EP KR US)

**E05D 3/02** (2013.01 - KR); **E05D 5/08** (2013.01 - KR); **E05D 15/26** (2013.01 - KR); **E05D 15/262** (2013.01 - EP US); **E05F 1/10** (2013.01 - KR); **E05F 1/1091** (2013.01 - EP US); **E06B 3/482** (2013.01 - EP US); **E05D 3/022** (2013.01 - EP US); **E05D 5/08** (2013.01 - EP US); **E05Y 2201/416** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US); **Y10T 74/18928** (2015.01 - EP US)

Citation (search report)

See references of WO 2008040403A1

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**US 2009139055 A1 20090604**; **US 8006580 B2 20110830**; AT E467025 T1 20100515; BR PI0702917 A2 20110510; CN 101351609 A 20090121; CN 101351609 B 20130213; DE 202006015190 U1 20061123; DE 502007003645 D1 20100617; EP 1948893 A1 20080730; EP 1948893 B1 20100505; ES 2343762 T3 20100809; HK 1126536 A1 20090904; JP 2009523937 A 20090625; KR 101013705 B1 20110210; KR 20080060280 A 20080701; SI 1948893 T1 20100930; TW 200817572 A 20080416; TW I335376 B 20110101; WO 2008040403 A1 20080410

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