

Title (en)

ASSIST MECHANISM FOR PIVOTING BODY

Title (de)

UNTERSTÜTZUNGSMECHANISMUS FÜR SCHWENKKÖRPER

Title (fr)

MECANISME D'AIDE AU PIVOTEMENT D'UN CORPS

Publication

EP 2397632 A4 20140604 (EN)

Application

EP 09840053 A 20091224

Priority

- JP 2009071485 W 20091224
- JP 2009029978 A 20090212
- JP 2009125211 A 20090525

Abstract (en)

[origin: EP2397632A1] An assist mechanism includes a striker which is provided in a door, and a receiving member provided in a door frame and moving after capturing the striker at a predetermined forward-moving position of the door, to assist a forward movement of the door to a closing position. The striker is supported in a striker base including an attachment portion relative to the door so as to be capable of adjusting a supporting position in a direction approximately along a rotational direction of the door by an adjusting device.

IPC 8 full level

E05F 1/10 (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP KR)

E05F 1/10 (2013.01 - KR); **E05F 1/1066** (2013.01 - EP); **E05F 3/18** (2013.01 - KR); **E05F 5/027** (2013.01 - EP); **E05Y 2201/22** (2013.01 - EP); **E05Y 2201/412** (2013.01 - EP); **E05Y 2201/488** (2013.01 - EP); **E05Y 2600/10** (2013.01 - EP); **E05Y 2600/33** (2013.01 - EP)

Citation (search report)

- [YDA] JP 2007177459 A 20070712 - NAKANISHI METAL WORKS CO
- [Y] JP S5569566 U 19800513
- [A] JP H0645588 A 19940218 - SONY CORP
- [E] EP 2495384 A1 20120905 - NIFCO INC [JP]
- See references of WO 2010092734A1

Cited by

EP2857620A4

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2397632 A1 20111221; **EP 2397632 A4 20140604**; CN 102317559 A 20120111; CN 102317559 B 20140702; JP 2010209673 A 20100924; JP 5225199 B2 20130703; KR 101254436 B1 20130412; KR 20110122845 A 20111111; WO 2010092734 A1 20100819

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