

Title (en)
Device for holding a door in a fixed position

Title (de)
Halteeinrichtung für einen Türflügel

Title (fr)
Dispositif de retenue d'un vantail de porte

Publication
EP 1775404 A1 20070418 (FR)

Application
EP 06291577 A 20061010

Priority
FR 0510383 A 20051011

Abstract (en)
The device has a base body (14) fixed to a door structure or a guide rail, and a lever (16) articulated around an axis and mobile between door leaf passage and door leaf retaining positions. A helical spring (18) e.g. draw-spring and compression spring, maintains the lever in its retaining position. A braking device brakes the leaf when the leaf approaches its opening position and has an elastic element with projections forming frictional areas. A retaining roller (20) disposed on a retaining end (22) of the lever cooperates with a retaining unit when the lever is in the retaining position. An independent claim is also included for an assembly comprising a retaining device.

IPC 8 full level
E05C 17/60 (2006.01); **E05D 13/00** (2006.01)

CPC (source: EP)
E05C 17/60 (2013.01); **E05D 13/04** (2013.01); **E05F 5/003** (2013.01); **E05Y 2201/474** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [XY] DE 10347324 A1 20050525 - ISE GMBH [DE]
- [XY] DE 10133938 A1 20030130 - EDSCHA AG [DE]
- [Y] EP 0356373 A1 19900228 - SUZUKI MOTOR CO [JP]
- [Y] US 2004070231 A1 20040415 - YOGO HIROYUKI [US], et al

Cited by
EP2597235A1; EP2899350B1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1775404 A1 20070418; EP 1775404 B1 20081217; AT E417984 T1 20090115; DE 602006004287 D1 20090129; ES 2321549 T3 20090608; FR 2891860 A1 20070413; FR 2891860 B1 20090306

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