

Title (en)

Door catching device, in particular for insulating glass doors on cold storage rooms and refrigeration units or refrigerators

Title (de)

Tür-Arretierungsvorrichtung insbesondere für Isolierglastüren von Kühlräumen und Kühlmöbel bzw. Kühlschränke

Title (fr)

Dispositif de blocage de porte, en particulier pour portes isolantes en verre d'espaces de refroidissement et de meubles de refroidissement ou d'armoires de refroidissement

Publication

EP 2083142 B1 20100512 (DE)

Application

EP 07025111 A 20071227

Previously filed application

102007058594 20071204 DE

Priority

DE 102007058594 A 20071204

Abstract (en)

[origin: US2010127514A1] The door locking device, in particular for insulating glass doors of cold rooms, refrigeration cabinets and domestic refrigerators (1/2), uses the predetermined door systems which have a plate (3) at the lower hinge-like attachment to the door and also have a plate on the doorframe. A further plate (5) is attached, with an exact fit, to the frame plate, said further plate having, in a cylindrical formation (6), a ball (7) on which the plate of the door (3) rests in the closed state and, in the open state, locks the door, wherein the ball (7) is located in a lubricant reservoir (8).

IPC 8 full level

E05D 7/08 (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP US)

E05D 7/081 (2013.01 - EP US); **E05D 11/105** (2013.01 - EP US); **E05Y 2201/628** (2013.01 - EP US); **E05Y 2900/102** (2013.01 - EP US); **E05Y 2900/202** (2013.01 - EP US); **F25D 23/028** (2013.01 - EP US); **F25D 2323/024** (2013.01 - EP US); **Y10T 292/14** (2015.04 - EP US); **Y10T 292/323** (2015.04 - EP US)

Cited by

EP2492425A1

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 2010127514 A1 20100527; AT E467742 T1 20100515; DE 102007058594 A1 20090610; DE 112008003692 A5 20101104; DE 502007003797 D1 20100624; EP 2083142 A1 20090729; EP 2083142 A8 20100217; EP 2083142 A8 20100407; EP 2083142 B1 20100512; ES 2328004 T1 20091106; WO 2009071039 A1 20090611

DOCDB simple family (application)

US 59902808 A 20080307; AT 07025111 T 20071227; DE 102007058594 A 20071204; DE 112008003692 T 20080307; DE 2008000315 W 20080307; DE 502007003797 T 20071227; EP 07025111 A 20071227; ES 07025111 T 20071227