

Title (en)
DOOR HOLDER

Title (de)
TÜRFEHNER

Title (fr)
ARRÊT DE PORTE

Publication
EP 2118415 A1 20091118 (DE)

Application
EP 08706850 A 20080201

Priority
• DE 2008000185 W 20080201
• DE 102007005947 A 20070201
• DE 102007023110 A 20070516

Abstract (en)
[origin: US2013291336A1] The invention relates to a door holder, comprising a housing that can be fastened to one door and door frame, a stay bar, which penetrates an opening in the housing and can be pivotally fastened to the other door and door frame, and at least one braking member, which interacts with a flat side of the stay bar and is disposed in the housing, wherein the flat side and the braking element are biased toward each other at least in regions of the extension of the stay bar, wherein a retaining force can be produced, which acts at least in one of the displacement directions of the stay bar as a function of the local surface property of the flat side and of the braking member. A door holder enabling reliable and safe locking, which may also be produced in a cost-effective manner, can be created according to the invention in that at least either the force application or the local surface property is modified along the extension of the stay bar, and that the resulting retaining force thus varies across the extension of the stay bar.

IPC 8 full level
E05C 17/20 (2006.01)

CPC (source: EP US)
E05C 17/203 (2013.01 - EP US); **E05F 5/025** (2013.01 - US)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007023110 A1 20080807; AT E552399 T1 20120415; CN 101652526 A 20100217; CN 101652526 B 20150520;
DE 202008017508 U1 20091015; EP 2118415 A1 20091118; EP 2118415 B1 20120404; US 2010154163 A1 20100624;
US 2013291336 A1 20131107; WO 2008092441 A1 20080807

DOCDB simple family (application)
DE 102007023110 A 20070516; AT 08706850 T 20080201; CN 200880011338 A 20080201; DE 2008000185 W 20080201;
DE 202008017508 U 20080201; EP 08706850 A 20080201; US 201213670434 A 20121107; US 44931808 A 20080201