

Title (en)
SLIDING DOOR

Title (de)
SCHIEBETÜR

Title (fr)
PORTE COULISSANTE

Publication
EP 2286047 B1 20150304 (DE)

Application
EP 09761739 A 20090610

Priority
• EP 2009057172 W 20090610
• DE 202008008006 U 20080614
• DE 102009005441 A 20090121

Abstract (en)
[origin: DE102009005441A1] The door has a leaf (12) i.e. glass pane, guided with a rail (10), and a limit device (15) that limits a path of the leaf. A coupler (30) is locked with an engaging part of a damper (20). The damper decelerates the leaf during closing the door and is driven in a closing position, where the limit device together with the coupler or the damper forms a component. The coupler has an elongated flat arm (31) with a projection (32), running parallel to the rail for engaging the projection with the engaging part. The component is displaceable and lockable in the rail in a longitudinal direction.

IPC 8 full level
E05F 1/16 (2006.01); **E05F 5/00** (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP US)
E05F 1/16 (2013.01 - EP US); **E05F 5/003** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/212** (2013.01 - EP US); **E05Y 2201/256** (2013.01 - EP US); **E05Y 2201/264** (2013.01 - EP US); **E05Y 2201/412** (2013.01 - EP US); **E05Y 2600/45** (2013.01 - EP US); **E05Y 2800/672** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (examination)
• JP 2004176262 A 20040624 - SHIMODAIRA KK
• DE 202007014567 U1 20071213 - HAEFELE GMBH & CO KG [DE]

Citation (opposition)
Opponent : GEZE GmbH,
• DE 202005012954 U1 20060720 - CABINET SCHRANKSYSTEME AG [DE]
• DE 202007014567 U1 20071213 - HAEFELE GMBH & CO KG [DE]
• DE 102006019351 A1 20071025 - ZIMMER GUENTHER [DE], et al
• JP 2004176262 A 20040624 - SHIMODAIRA KK
• EP 1705330 A1 20060927 - MURAKOSHI SEIKOH KK [JP]
• JP 2007023554 A 20070201 - SHIMODAIRA KK

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 202008008006 U1 20091029; AU 2009256605 A1 20091217; AU 2009256605 B2 20141127; DE 102009005441 A1 20091217; DE 102009005441 B4 20191212; DE 202009018825 U1 20131011; DK 2286047 T3 20150615; DK 2286047 T4 20201207; EP 2286047 A1 20110223; EP 2286047 B1 20150304; EP 2286047 B2 20201125; ES 2538374 T3 20150619; ES 2538374 T5 20211110; JP 2011524478 A 20110901; JP 5373071 B2 20131218; PL 2286047 T3 20150831; PL 2286047 T5 20210208; US 2011099909 A1 20110505; WO 2009150176 A1 20091217

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