

Title (en)
MULTILINK HINGE

Title (de)
MEHRGELENKSCHARNIER

Title (fr)
CHARNIÈRE À ARTICULATIONS MULTIPLES

Publication
EP 1844204 B1 20150923 (DE)

Application
EP 06707908 A 20060130

Priority
• EP 2006050531 W 20060130
• DE 102005004957 A 20050202

Abstract (en)
[origin: DE102005004957A1] The hinge has forficate hinged brackets (3-5) connected with each other, where one bracket includes a radial cam. The radial cam operates along with a roller pivoted at a rocker arm. The arm presses the roller against the cam based on the spring effect. The brackets assume different positions and form different intermediate spaces when the hinge is in an open position, where the spaces are covered by a lateral protection plate.

IPC 8 full level
E05D 3/16 (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP KR US)
E05D 3/06 (2013.01 - KR); **E05D 3/16** (2013.01 - EP US); **E05D 11/00** (2013.01 - KR); **E05D 11/0054** (2013.01 - EP); **E05D 11/10** (2013.01 - KR); **E05F 1/1253** (2013.01 - EP US); **E05D 2011/0072** (2013.01 - EP); **E05Y 2201/11** (2013.01 - EP); **E05Y 2900/31** (2013.01 - EP US)

Cited by
EP3611321A4

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

DOCDB simple family (publication)
DE 102005004957 A1 20060803; **DE 102005004957 B4 20130508**; CN 101111655 A 20080123; CN 101111655 B 20120815; EP 1844204 A2 20071017; EP 1844204 B1 20150923; ES 2556406 T3 20160115; JP 2008528931 A 20080731; JP 4709856 B2 20110629; KR 101225097 B1 20130122; KR 20070101298 A 20071016; PL 1844204 T3 20160331; SI 1844204 T1 20160129; US 2008276422 A1 20081113; US 7987558 B2 20110802; WO 2006082175 A2 20060810; WO 2006082175 A3 20061005

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DE 102005004957 A 20050202; CN 200680003904 A 20060130; EP 06707908 A 20060130; EP 2006050531 W 20060130; ES 06707908 T 20060130; JP 2007553593 A 20060130; KR 20077017694 A 20060130; PL 06707908 T 20060130; SI 200632002 T 20060130; US 81494006 A 20060130