

Title (en)  
Multiple fulcrum hinge

Title (de)  
Mehrgelenksscharnier

Title (fr)  
Charnière avec multiple points d'appui

Publication  
**EP 2248974 B1 20170517 (DE)**

Application  
**EP 10075377 A 20100705**

Priority  
DE 202009006480 U 20090504

Abstract (en)  
[origin: EP2248974A2] The hinge (1) has a base plate (20) provided for fixing the hinge at a body of a furniture piece. An auxiliary guiding arm (38) is fixed at an auxiliary rotary point (42) at the base plate in a rotary movable manner. A connecting arm (40) is provided for connecting the auxiliary guiding arm with one of retaining arms (6). A spring element (18) i.e. traction spring element, is utilized for providing pre-stress for holding a flap (24) in a closed condition and/or opened condition. The spring element exerts force on the auxiliary guiding arm.

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

CPC (source: EP)  
**E05D 3/16** (2013.01); **E05F 1/1276** (2013.01); **E05Y 2600/33** (2013.01); **E05Y 2600/458** (2013.01); **E05Y 2800/172** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/22** (2013.01); **E05Y 2800/292** (2013.01); **E05Y 2900/20** (2013.01)

Cited by  
DE202012009218U1; CN110761651A; EP2712988A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**DE 202009006480 U1 20100923**; EP 2248974 A2 20101110; EP 2248974 A3 20130724; EP 2248974 B1 20170517; EP 2333210 A2 20110615; ES 2633747 T3 20170925

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**DE 202009006480 U 20090504**; EP 10075377 A 20100705; EP 10161811 A 20100504; ES 10075377 T 20100705