

Title (en)  
Hinge device for a door

Title (de)  
Scharniervorrichtung für eine Tür

Title (fr)  
Dispositif de charnière pour une porte

Publication  
**EP 1574654 A2 20050914 (EN)**

Application  
**EP 05005347 A 20050311**

Priority  
IT BO20040144 A 20040312

Abstract (en)  
A hinge device for a door (2) of a structure (3) provided with connecting member, first (4) and second (5), provided with corresponding first (6, 7) and seconds (8, 9) ends and respectively fit to be fixed to door (2) and structure (3) for the door rotation between extreme closing (C) and opening (A) conditions. <??>The device includes a protruding arm (10) associated to the first end (7) of the second connecting member (5) and having a first rotation pivot (11) connected to the first end (6) of the first connecting member (4). <??>The device further includes an arm shaped mean (12) having one end which is swiveling connected to the first member (4) by a second pivot (17) positioned to a predetermined distance (D) from the first pivot (11) and the remaining end is associated, by connecting means (33), to an elastic mean (13) fixable near the second end of the second member (5). <IMAGE>

IPC 1-7  
**E05F 1/12**

IPC 8 full level  
**E05F 1/12** (2006.01); **E05D 7/12** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)  
**E05D 7/12** (2013.01); **E05F 1/12** (2013.01); **E05F 1/1276** (2013.01); **F24C 15/023** (2013.01); **E05Y 2201/604** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2201/688** (2013.01); **E05Y 2900/304** (2013.01); **E05Y 2900/308** (2013.01)

Cited by  
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
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