

Title (en)  
Hinge for wings or doors

Title (de)  
Scharnier für Flügel oder Türen

Title (fr)  
Charnière pour battants ou portes

Publication  
**EP 2128369 A3 20120704 (EN)**

Application  
**EP 09160265 A 20090514**

Priority  
IT BO20080037 U 20080520

Abstract (en)  
[origin: EP2128369A2] A hinge (4) for wings and/or doors (3), in particular doors of electrical appliances (1) such as ovens, dishwashers or the like, comprises a first box-shaped structure which can be fixed to a frame (2), a second box-shaped structure (5) which can be fixed to the door (3) and which has a main direction of extension (B), a connecting lever (6) between the first box-shaped structure and the second box-shaped structure (5), the second structure (5) pivoting at a pin (9) connected to the lever (7) and being able to move with a tilting action about the pin (9) at least between a door (3) closed condition and a door open condition, a spring (12) connected to the second box-shaped structure (5) and designed, when it is elastically deformed, to generate an elastic reaction force which opposes door (3) opening, means (16) for adjusting the intensity of the elastic reaction force.

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

CPC (source: EP)  
**E05F 1/1276** (2013.01); **F24C 15/023** (2013.01); **E05Y 2201/626** (2013.01); **E05Y 2600/10** (2013.01); **E05Y 2900/308** (2013.01)

Citation (search report)

- [XA] EP 1602883 A2 20051207 - NUOVA STAR SPA [IT]
- [X] EP 1431671 A1 20040623 - NUOVA STAR SRL [IT]
- [A] EP 1619442 A1 20060125 - ATASAN METAL SANAYI VE TICARET [TR]

Cited by  
CN103192295A; CN107100470A; EP3546689A1; CN108166875A; US2021148146A1; US12012793B2

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2128369 A2 20091202**; **EP 2128369 A3 20120704**; IT BO20080037 U1 20091120

DOCDB simple family (application)  
**EP 09160265 A 20090514**; IT BO20080037 U 20080520