

Title (en)

Door hinge with lifting function for the door

Title (de)

Türscharnier mit Abhebefunktion für die Tür

Title (fr)

Charnière de porte dotée d'une fonction de soulèvement pour la porte

Publication

EP 2039860 A3 20120725 (DE)

Application

EP 08015616 A 20080905

Priority

DE 202007013070 U 20070918

Abstract (en)

[origin: US2009071075A1] A door hinge for a door mounted on a cabinet in such a way that it can pivot open. A displacement mechanism is installed in the hinge to allow the door to be simultaneously lifted from the frame of the cabinet during a pivoting movement of the door into an open position. The displacement mechanism includes a slide displaceably disposed in a hinge housing secured to the cabinet frame and carrying the door via a mounting element mounted in the door, and a runner integrated in the slide and moveable relative thereto, the runner being connected to the mounting element. A glide layer, made of wear-resistant material having a gliding capability, is disposed between those surfaces of the hinge housing and/or of the slide and/or of the runner that respectively slide against one another during displacement of the slide in the hinge housing and of the runner relative to the slide.

IPC 8 full level

E05D 3/18 (2006.01)

CPC (source: EP US)

E05D 3/18 (2013.01 - EP US); **E05D 9/00** (2013.01 - EP US); **E05Y 2800/68** (2013.01 - EP US); **E05Y 2900/208** (2013.01 - EP US)

Citation (search report)

- [XY] DE 3807729 A1 19890921 - HETTICH HETAL WERKE [DE]
- [XDY] DE 102004007823 A1 20050908 - EMKA BESCHLAGTEILE [DE]

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 202007013070 U1 20071115; EP 2039860 A2 20090325; EP 2039860 A3 20120725; US 2009071075 A1 20090319

DOCDB simple family (application)

DE 202007013070 U 20070918; EP 08015616 A 20080905; US 21221308 A 20080917