

Title (en)

A hinge device for the door of a switchboard cabinet

Title (de)

Scharniervorrichtung für die Tür eines Schaltschranks

Title (fr)

Charnière pour la porte d'un armoire électrique

Publication

**EP 1835103 A1 20070919 (EN)**

Application

**EP 07103728 A 20070308**

Priority

- IT TO20060038 U 20060317
- IT TO20060039 U 20060317

Abstract (en)

For rotatably mounting a door (40) to a switchboard enclosure (30), a hinge device (10) comprises a body (11) fixable to the enclosure (30), a fixed pintle (15) integral with the body (11) and extending in a vertical direction, and a mobile pintle (16) vertically slidably in the body (11). The pintle (16) is movable between an extended position for rotatably engaging the door (40), and a retracted position towards the inside of the body (11) for disengaging from the door.

IPC 8 full level

**E05D 5/02** (2006.01); **E05D 7/10** (2006.01); **E05D 7/12** (2006.01)

CPC (source: EP)

**E05D 7/1016** (2013.01); **E05D 7/123** (2013.01); **E05D 5/02** (2013.01); **E05D 7/1077** (2013.01); **E05D 2007/1027** (2013.01); **E05Y 2600/51** (2013.01); **E05Y 2600/528** (2013.01); **E05Y 2600/53** (2013.01); **E05Y 2600/622** (2013.01); **E05Y 2900/20** (2013.01); **E05Y 2900/208** (2013.01)

Citation (applicant)

GB 1284258 A 19720802 - STILLEMANS PIERRE [BE]

Citation (search report)

- [XAY] GB 1284258 A 19720802 - STILLEMANS PIERRE [BE]
- [XAY] DE 6751635 U 19690220 - KRONE KG [DE]
- [YA] EP 0287245 A2 19881019 - POLYPLASTICS CO [JP]
- [X] US 2005172452 A1 20050811 - KOESSLER JUERGEN [CA]

Cited by

FR3039380A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1835103 A1 20070919**; **EP 1835103 B1 20150617**; **EP 1835103 B9 20151216**; ES 2547224 T3 20151002

DOCDB simple family (application)

**EP 07103728 A 20070308**; ES 07103728 T 20070308