

Title (en)

HINGE, PREFERABLY FOR LINKING A DOOR OR FLAP TO A WALL OF A BODY

Publication

EP 0398193 B1 19930922 (DE)

Application

EP 90108947 A 19900511

Priority

- DE 3916348 A 19890519
- DE 4009126 A 19900321

Abstract (en)

[origin: EP0398193A1] A hinge for the articulation of a door or flap onto a supporting wall of a body part consists of a pivotable hinge part and of a hinge arm, fastenable to the supporting wall via a supporting plate, which are connected to one another in an articulated manner by means of two links. To make it possible to open the door or flap wide without obstruction even when the latter, for example, has a large thickness or is equipped with decorative strips, the hinge arm (6) is held movably at one end on the supporting plate by means of a guide (35,39). One of the two links (3) is extended beyond the hinge pin (4) supporting this on the hinge arm (6) and is connected in an articulated manner to the supporting plate in the region of the free end of the extension (11), so that, during a pivoting of the pivotable hinge part (1), the hinge arm (6) is displaced in its guide and is additionally pivoted.

IPC 1-7

E05D 3/06

IPC 8 full level

E05D 3/06 (2006.01); **E05D 3/18** (2006.01)

CPC (source: EP US)

E05D 3/06 (2013.01 - EP US); **E05D 3/183** (2013.01 - EP US); **E05Y 2201/11** (2013.01 - EP US); **E05Y 2800/10** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US); **Y10S 16/43** (2013.01 - US)

Cited by

CN103827426A; JP2015521701A; US9290975B2; WO2013040610A1; EP2726691B1

Designated contracting state (EPC)

AT DE ES IT

DOCDB simple family (publication)

EP 0398193 A1 19901122; EP 0398193 B1 19930922; DE 4009126 C1 19910725; DE 59002799 D1 19931028; ES 2044303 T3 19940101; JP H035584 A 19910111; JP H0718287 B2 19950301; US 5033160 A 19910723

DOCDB simple family (application)

EP 90108947 A 19900511; DE 4009126 A 19900321; DE 59002799 T 19900511; ES 90108947 T 19900511; JP 12896890 A 19900518; US 52290090 A 19900514