

Title (en)

A hinge for metal door and window frames

Title (de)

Scharnier für metallische Tür- und Fensterrahmen

Title (fr)

Charnière pour portes et fenêtres à châssis métallique

Publication

EP 1130208 A3 20050810 (EN)

Application

EP 01830125 A 20010222

Priority

IT BO20000078 A 20000222

Abstract (en)

[origin: EP1130208A2] A hinge for door and window frames, in particular for metal door and window frames, comprises two half-bodies (2, 3) which can be connected, using means (4), to a fixed frame (5) and to a mobile frame (6), respectively, each frame consisting of a section (P); these half-bodies (2, 3) are attached to one another by a hinge pin (7) and each consists of a single element, made using plastic deformation, with a substantially flat first, central portion (8), extending on one side without interruptions, in a second portion (9) deformed in such a way that it closes over itself like a cylinder in order to house the hinge pin (7), and, on the other side, in a third portion (10), angled relative to the first portion (8), and having a section (P1) designed to allow the third portion to be connected to a seat (11) in the section (P) which constitutes the frame; the third portion (10) also having means (4) for connection to the frame (5, 6). <IMAGE>

IPC 1-7

E05D 5/02

IPC 8 full level

E05D 5/02 (2006.01)

CPC (source: EP)

E05D 5/0238 (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [XY] GB 531347 A 19410102 - ARTHUR LESLIE WIGGIN
- [Y] EP 0659967 A2 19950628 - ERRETI SRL [IT]

Cited by

DE202005004095U1; RU2716196C1; ES2244289A1; ITBO20080502A1

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