

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

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1130208 A2 20010905; EP 1130208 A3 20050810**; IT 1320886 B1 20031210; IT BO20000078 A1 20010822

DOCDB simple family (application)  
**EP 01830125 A 20010222**; IT BO20000078 A 20000222