

Title (en)  
Hinge for door or window frames

Title (de)  
Scharnier für Tür- oder Fensterrahmen

Title (fr)  
Charnière pour châssis de porte ou de fenêtre

Publication  
**EP 1624146 B1 20090701 (EN)**

Application  
**EP 05106994 A 20050728**

Priority  
IT BO20040500 A 20040803

Abstract (en)  
[origin: EP1624146A2] Described is a hinge for metal door or window frames where two hinge bodies (2, 3), each consisting of a tubular portion (4, 5) with a first hole (6, 7) through the centre of it and a flap (8, 9) for securing it to a mobile frame or fixed frame (10, 11), and a hinge pin (18) inserted coaxially in the first holes (6, 7). Each flap (8, 9) extends laterally from the respective tubular portion (4, 5) and has at least one second through hole (12, 15) in which an element (14, 17) for securing the flap (8, 9) to the mobile frame or the fixed frame (10, 11) can pass. Each body (2, 3) of the hinge (1) is also equipped with a respective cap (25, 31) designed to hide the securing elements (14, 17) from view and having a first portion (26, 32) for covering the respective tubular portion (4, 5) and a second portion (27, 33) for covering the respective flap (8, 9), both these portions being joined as one in a single piece.

IPC 8 full level  
**E05D 11/00** (2006.01)

CPC (source: EP)  
**E05D 5/04** (2013.01); **E05D 11/0054** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Cited by  
DE202010016815U1; EP2037066A2

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1624146 A2 20060208; EP 1624146 A3 20070530; EP 1624146 B1 20090701**; AT E435355 T1 20090715; DE 602005015168 D1 20090813; IT BO20040500 A1 20041103

DOCDB simple family (application)  
**EP 05106994 A 20050728**; AT 05106994 T 20050728; DE 602005015168 T 20050728; IT BO20040500 A 20040803