

Title (en)
Hinge for windows or doors

Title (de)
Scharnierband für Fenster oder Türen

Title (fr)
Charnière pour fenêtres ou portes

Publication
EP 1460228 A3 20090311 (DE)

Application
EP 04101090 A 20040317

Priority
DE 10312402 A 20030320

Abstract (en)
[origin: EP1460228A2] A hinge for a window or door has A furniture hinge has two sheet metal halves, each terminating on one side in a rolled tube. One half hinge has an upper and a lower tube which when assembled straddle the single tube terminating the other half-hinge. When assembled, the three cylindrical sections are in-line and form a single cylinder. The cylinder has a plug (23) with a hook for a spring (21) at one end, and a screw plug (27) at the other, terminating in a hook for the spring (21). The screw tip is anchored in the cylinder (1, 10) by a screw (31).

IPC 8 full level
E05F 1/12 (2006.01)

CPC (source: EP)
E05F 1/1215 (2013.01); **E05D 5/10** (2013.01); **E05Y 2900/20** (2013.01)

Citation (search report)

- [XAY] US 4073038 A 19780214 - CURRY EDWARD G, et al
- [X] DE 1708419 B1 19710204 - FRANZ SCHWARZE FITSCHENFABRIK
- [Y] DE 2648634 A1 19780503 - DORMA BAUBESCHLAG
- [Y] DE 2600815 A1 19770714 - DORMA BAUBESCHLAG
- [Y] US 6061874 A 20000516 - TATARA STANLEY R [US]
- [Y] US 3903567 A 19750909 - SUSKA CHARLES R

Cited by
ITMI20110528A1; WO2012131462A1; WO2013178645A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1460228 A2 20040922; EP 1460228 A3 20090311; DE 10312402 A1 20041021

DOCDB simple family (application)
EP 04101090 A 20040317; DE 10312402 A 20030320