

Title (en)  
Hinge for doors and window

Title (de)  
Band für Türen und Fenster

Title (fr)  
Charnière pour portes et fenêtres

Publication  
**EP 2261448 A3 20130403 (DE)**

Application  
**EP 10165232 A 20100608**

Priority  
DE 102009025170 A 20090612

Abstract (en)  
[origin: EP2261448A2] The hinge has a wing part (2) comprising a casing (6), where a coupling pin (7) passes through the casing and lower and upper idlers (5, 5') of a frame part (1). The casing is supported at bearing sleeves (8) that are arranged in the idlers in a rotationally fixed and axially movable manner. The sleeves are axially adjustable by a spindle (9) that is formed as threaded bolt or cylindrical body. A casing surface of the idlers has a threaded hole with a threaded pin (10) that passes through a casing-sided elongate hole of the sleeves and is engaged in an annular groove (12) of the coupling pin.

IPC 8 full level  
**E05D 5/12** (2006.01); **E05D 7/00** (2006.01); **E05D 11/00** (2006.01)

CPC (source: EP)  
**E05D 5/128** (2013.01); **E05D 7/0027** (2013.01); **E05D 11/0018** (2013.01); **E05D 5/14** (2013.01); **E05D 2003/025** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [YD] EP 0612905 A2 19940831 - HAHN GMBH & CO KG DR [DE]
- [Y] DE 29713254 U1 19981126 - NIEMANN HANS DIETER [DE]
- [YA] DE 10316891 B3 20040609 - HOERMANN KG BRANDIS [DE]
- [YD] EP 1061222 B1 20020403 - SAVIO SPA [IT]
- [A] EP 0460620 A2 19911211 - SCHUERING FENSTERTECH [DE]
- [A] WO 02086264 A1 20021031 - DORMA GMBH & CO KG [DE], et al

Cited by  
CN104265105A; CN104033059A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**EP 2261448 A2 20101215; EP 2261448 A3 20130403; EP 2261448 B1 20160803**; DE 102009025170 A1 20101216;  
DE 102009025170 B4 20150625

DOCDB simple family (application)  
**EP 10165232 A 20100608**; DE 102009025170 A 20090612