

Title (en)  
Hinge and method for manufacturing a hinge

Title (de)  
Türband und Verfahren zur Herstellung eines Türbandes

Title (fr)  
Penture et procédé de fabrication d'une penture

Publication  
**EP 1985785 A3 20130501 (DE)**

Application  
**EP 08005245 A 20080320**

Priority  
DE 102007019939 A 20070427

Abstract (en)  
[origin: CN101294467A] A method of making a hinge has the steps of forming a region of a piece of sheet metal with a groove and then bending the piece of sheet metal to form the region into an eye with the groove opening inwardly into the eye so that the piece of sheet metal with the eye forms a first leaf. A pivot pin with a radially outwardly projecting thickened region is fitted and pressed into the eye such that the radially thickened region radially elastically widens the eye. Once the thickened region reaches the groove, the eye springs back so that the pivot pin is then captured held in the eye.

IPC 8 full level  
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CPC (source: EP US)  
**E05D 5/127** (2013.01 - EP US); **E05D 5/04** (2013.01 - EP US); **E05D 7/04** (2013.01 - EP US); **E05D 2003/025** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US); **Y10T 29/24** (2015.01 - EP US)

Citation (search report)

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- [XAI] US 2734223 A 19560214
- [IA] US 4175315 A 19791127 - HAYES FRANK F JR [US], et al
- [I] US 4135273 A 19790123 - HOLMES STANNARD D
- [YA] US 5099562 A 19920331 - LOUGHBAN DAVID [US]

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 102007019939 B3 20080918**; CN 101294467 A 20081029; CN 101294467 B 20121010; EP 1985785 A2 20081029; EP 1985785 A3 20130501; US 2008263828 A1 20081030; US 8156619 B2 20120417

DOCDB simple family (application)  
**DE 102007019939 A 20070427**; CN 200810128722 A 20080425; EP 08005245 A 20080320; US 10791708 A 20080423