

Title (en)  
Concealed hinge

Title (de)  
Verdeckttürband

Title (fr)  
Charnière cachée

Publication  
**EP 2476833 A1 20120718 (DE)**

Application  
**EP 11150706 A 20110112**

Priority  
EP 11150706 A 20110112

Abstract (en)  
The hinge has a multi-axle joint (10), and two housings (20, 30) inserted into a narrow side of a door leaf and into a door frame, respectively. Fastening plates (21) are provided for fastening the housings with the door leaf and the door frame, respectively. One of the housings is formed from outer and inner housing parts (22, 23) that are plugged into each other. The housings are made from metal sheets, where the housing parts are connected with one another in a force-fit manner. A longitudinal hole is formed in the inner housing part, and a cylinder sleeve (25) is inserted into the hole.

Abstract (de)  
Ein Verdeckttürband zur schwenkbaren Halterung eines Türblattes (60) an einer Türzarge (61) weist ein mehrachsiges Gelenk (10) auf, zwei Gehäuse (20, 30), wobei eines der Gehäuse (20, 30) in die Schmalseite des Türblatts (60) und das andere Gehäuse (20, 30) in die Türzarge (61) einsetzbar ist und Befestigungsplatten (21, 31) zur Befestigung der Gehäuse (20, 30) mit dem Türblatt (60) und der Türzarge (61), wobei mindestens eines der Gehäuse (20, 30) aus mindestens zwei ineinander steckbaren Gehäuseteilen (22, 23) besteht.

IPC 8 full level  
**E05D 3/18** (2006.01)

CPC (source: EP)  
**E05D 3/186** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2800/674** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)  
• DE 10153778 B4 20040722  
• DE 102005051918 A1 20070503 - BARTELS SYSTEMBESCHLAEGE GMBH [DE]

Citation (search report)  
• [XAY] US 2227849 A 19410107 - JOSEPH SOSS  
• [XA] EP 2083141 A2 20090729 - NOVA FERR S R L [IT]  
• [YD] DE 102005051918 A1 20070503 - BARTELS SYSTEMBESCHLAEGE GMBH [DE]

Cited by  
EP3002400A1; IT201700090353A1; US10900265B2; WO2019025848A1; EP3680431A1; EP3362623B1

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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2476833 A1 20120718; EP 2476833 B1 20140730; PL 2476833 T3 20150130**

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**EP 11150706 A 20110112; PL 11150706 T 20110112**