

Title (en)
Hinge case.

Title (de)
Scharniergehäuse.

Title (fr)
Boîtier de charnière.

Publication
EP 0487821 B1 19940316 (DE)

Application
EP 91110314 A 19910622

Priority
DE 4037752 A 19901128

Abstract (en)
[origin: EP0487821A1] Hinge case (18) mountable countersunk in a recess in the rear side of the door wing of a piece of furniture and designed as a plug-in or knock-in pot, with a pot part (20) which is made of metal and from the upper edge of which projects in one piece a fastening flange (22) which, in the position mounted, as intended, on a door wing, covers regions of the inside of the door wing which are adjacent to the recess in the door wing. The edge of the fastening flange (22) is bent round towards the inside of the door wing, with the result that a shallow depression open towards the inside of the door wing is formed in the fastening flange. Arranged between the fastening flange (22) and the inside of the door wing is a backing plate (28) which can be connected releasably to the fastening flange and door wing. <??>A locking device which releasably connects the backing plate (28) and the fastening flange (22) of the pot part (20) in the manner of a bayonet fastening as a result of the rotation of the pot part (20) relative to the backing plate (28) through a predetermined angle about an axis of rotation extending at right angles to the inside of the door wing is provided. <IMAGE>

IPC 1-7
E05D 5/08; **E05D 7/12**

IPC 8 full level
E05D 3/06 (2006.01); **E05D 5/02** (2006.01); **E05D 5/08** (2006.01); **E05D 7/12** (2006.01)

CPC (source: EP KR US)
E05D 5/08 (2013.01 - EP KR US); **E05D 7/125** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US); **Y10S 16/43** (2013.01 - US)

Citation (examination)
• DE 2143672 A1 19730315 - HEINZE FA R
• Bau-und Möbelschreiner 1978, Heft 7, Seiten 69 bis 72 Topfscharniere-Schrittmacher einer neuen Möbelgeneration. W. Schmitt.

Cited by
ES2065250A2; EP0552607A1; US5388309A; DE9212627U1; EP0548489B1

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AT ES GB IT SE

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EP 0487821 A1 19920603; **EP 0487821 B1 19940316**; AT E103032 T1 19940415; AU 636503 B2 19930429; AU 8148591 A 19920604; CA 2054140 A1 19920529; CA 2054140 C 19941025; CS 358691 A3 19920617; DE 4037752 C1 19920716; DK 193291 A 19920529; DK 193291 D0 19911128; ES 2051054 T3 19940601; FI 915578 A0 19911127; FI 915578 A 19920529; HU 208447 B 19931028; HU 913279 D0 19920128; HU T60007 A 19920728; JP H04265386 A 19920921; KR 920010109 A 19920626; KR 960016476 B1 19961212; MX 9102244 A 19930101; NO 913060 D0 19910806; NO 913060 L 19920529; RU 2040687 C1 19950725; US 5195214 A 19930323; YU 175991 A 19940909

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