

Title (en)
HINGE ARM WITH MOUNTING PLATE

Publication
EP 0052283 B1 19840711 (DE)

Application
EP 81109232 A 19811029

Priority
DE 3043334 A 19801117

Abstract (en)
[origin: ES269724U] The mounting plate has a track for slidably guiding the hinge bracket in an axial direction and a bore for longitudinally slidably guiding a spring-loaded detent pin, which protrudes from the bore and is held captive therein by at least one stop in the surface defining the bore. The hinge bracket has a sloping surface, which is arranged to force the detent pin into the bore as the hinge bracket is slidably moved onto the mounting plate. The hinge bracket also has a surface which as the hinge bracket is pushed over the detent pin holds the latter in a depressed position until the detent pin snaps into a detent opening of the hinge bracket so that the latter is releasably fixed. A locking mechanism of the type used in retractable ball point pens is provided and is adapted to lock the detent pin in two different (partly extended and fully extended) positions. The pin is adapted to be moved from one of said positions to the other in that the detent pin is depressed into the bore and then released. The free end of the detent pin lies in the path of the sloping surface when the detent pin is in its partly extended position. The pin which has been depressed by the sloping surface is adapted to snap into the detent opening and to be urged in said detent opening by the spring toward its fully extended position.

IPC 1-7
E05D 7/12; **E05D 7/04**; **E05D 5/02**

IPC 8 full level
E05D 5/02 (2006.01); **E05D 7/00** (2006.01); **E05D 7/04** (2006.01); **E05D 7/12** (2006.01)

CPC (source: EP US)
E05D 7/0407 (2013.01 - EP US); **E05D 7/125** (2013.01 - EP US); **E05D 5/0276** (2013.01 - EP US); **E05Y 2600/53** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US); **Y10S 16/40** (2013.01 - US)

Cited by
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EP 0052283 A2 19820526; **EP 0052283 A3 19821208**; **EP 0052283 B1 19840711**; AT E8422 T1 19840715; BR 8106085 A 19820908; DD 201817 A5 19830810; DE 3043334 A1 19820603; DE 3043334 C2 19850404; ES 269724 U 19830701; ES 269724 Y 19840116; JP S5792276 A 19820608; US 4417366 A 19831129

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