

Title (en)
HINGE ARM WITH MOUNTING PLATE

Publication
EP 0043903 B2 19881228 (DE)

Application
EP 81103853 A 19810519

Priority
• DE 3026796 A 19800715
• DE 3039328 A 19801017

Abstract (en)
[origin: US4430771A] A hinge bracket-mounting plate assembly comprises a detent nose carried at the end of a spring-loaded detent lever and also has a detent opening or detent abutment. When the hinge bracket has been inserted into a track of the mounting plate and pushed along the latter, the detent nose snaps into the detent opening or against the detent abutment to releasably lock the parts together. The extent to which the hinge bracket can be pushed along the mounting plate is limited by a stop, which becomes effective when the detent nose snaps or after it has snapped into the detent opening or against the detent abutment. To eliminate backlash, the detent nose has an engaging side face, which bears on an edge or surface of the detent opening or detent abutment to force a stop carried by the hinge bracket or the mounting plate into backlash-free engagement with a complementary stop carried by the other part.

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

IPC 8 full level
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CPC (source: EP US)
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Cited by
DE4031305A1; EP0255692A3; US4800621A; EP0145952A3; GB2189837A; GB2189837B; US4850080A; EP0369532A1; GR1000369B; DE3640012A1; EP0275405A3; EP0348656A1; US5022116A; EP0346633A1; DE3624237A1; CN114126297A; US4706332A; DE3241284A1; DE3516683A1; US4680830A; EP0168731A3; DE3934337A1; DE3630446A1; CN109415918A; US5054164A; DE3532650A1; JPS6199713A; EP0791714A1; US5819371A; US5343595A; EP0168595A3; DE3426672A1; DE9112453U1; GB2183722A; GB2183722B; EP0205026A3; US4800622A; US4882808A; US4888853A; US4908907A; EP0538240A3; DE3345063C2; DE3345063A1; WO2022105106A1; WO8602402A1; WO8902022A1; WO8905387A1

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