

Title (en)
Latching system for electrical connectors

Title (de)
Verriegelungssystem für elektrische Verbinder

Title (fr)
Système de verrouillage pour connecteurs électriques

Publication
EP 1137116 A3 20031119 (EN)

Application
EP 01105169 A 20010302

Priority
US 52886900 A 20000320

Abstract (en)
[origin: EP1137116A2] A latching system is provided for electrical connectors having different latch mechanisms. A first connector includes a housing having a multi-function latching post thereon. The latching post has an internally threaded distal end for receiving a jack screw latch mechanism of a mating connector. The post also includes an external shoulder for receiving a spring arm latch mechanism of a different mating connector. The latching post further includes a reduced shank portion defining a second shoulder to facilitate mounting the first connector to a panel. A spring arm latch mechanism is located on one of the mating connectors via a mounting protrusion. The spring arm latch mechanism includes a mounting flange insertable beneath the mounting protrusion. The mounting flange has an upturned lip to prevent the flange from being inserted into the opening beneath the mounting protrusion. <IMAGE>

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H01R 13/627

IPC 8 full level
H01R 13/629 (2006.01); **H01R 13/62** (2006.01); **H01R 13/627** (2006.01); **H01R 13/639** (2006.01); **H01R 13/74** (2006.01)

CPC (source: EP KR)
H01R 13/62 (2013.01 - KR); **H01R 13/6275** (2013.01 - EP)

Citation (search report)
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EP1487065A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1137116 A2 20010926; EP 1137116 A3 20031119; CN 1314735 A 20010926; JP 2001291551 A 20011019; JP 3463245 B2 20031105; KR 100396978 B1 20030903; KR 20010089270 A 20010929; MX PA01002929 A 20020806; TW 483610 U 20020411

DOCDB simple family (application)
EP 01105169 A 20010302; CN 01111836 A 20010320; JP 2001069665 A 20010313; KR 20010014241 A 20010320; MX PA01002929 A 20010320; TW 90202078 U 20010212