

Title (en)
Electrical connector with locking hooks

Title (de)
Elektrischer Steckverbinder mit Verriegelungsklammern

Title (fr)
Connecteur électrique avec crochets de fermeture

Publication
EP 1691454 B1 20111130 (DE)

Application
EP 06100580 A 20060119

Priority
DE 202005002106 U 20050211

Abstract (en)
[origin: EP1691454A2] The connector has locking clamps (8, 9) designed as omega springs formed with two free legs (15, 16), which are arranged at a base lug (10). One or both free sides of the omega spring have a support recess (17). A securing peg (18) in a direction of a hinge peg and the support recess of the free leg (15) extend from an end area of the free leg (16) to allow the free leg (15) for protecting the hinge peg against falling.

IPC 8 full level
H01R 13/629 (2006.01)

CPC (source: EP)
H01R 13/62955 (2013.01); **H01R 13/6392** (2013.01)

Cited by
DE102008019009A1; DE102008019016A1; CN103887651A; EP3012922A1; DE102008019009B4; DE102007023019A1; DE102007023019B4; DE102008019016B4; EP2110894A2; US7717723B2

Designated contracting state (EPC)
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EP 1691454 A2 20060816; EP 1691454 A3 20100303; EP 1691454 B1 20111130; AT E535967 T1 20111215; CN 1835295 A 20060920; CN 1835295 B 20100901; ES 2378386 T3 20120411

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EP 06100580 A 20060119; AT 06100580 T 20060119; CN 200610004768 A 20060210; ES 06100580 T 20060119