

Title (en)

Electrical connector with locking device

Title (de)

Elektrischer Steckverbinder mit Verriegelungsvorrichtung

Title (fr)

Connecteur électrique avec dispositif de verrouillage

Publication

EP 2571110 B1 20140430 (FR)

Application

EP 12178589 A 20120731

Priority

FR 1158226 A 20110915

Abstract (en)

[origin: EP2571110A1] The connector has protection elements formed of skirt and a cap fixed with each other by rotation movement of nut-screw/bayonet. One of the elements has a leaf spring (31) whose end in the shape of a hook (41) freely moves between rest and release positions. Another element has a sliding surface (43) formed such that the latter end is supported on the surface during movement to the release position to cause rotation of the latter element relative to the former element to allow the hook to be supported on another sliding surface (47) when the latter end returns toward the rest position.

IPC 8 full level

H01R 13/639 (2006.01); **H01R 13/623** (2006.01); **H01R 13/633** (2006.01)

CPC (source: EP)

H01R 13/502 (2013.01); **H01R 13/622** (2013.01); **H01R 13/623** (2013.01); **H01R 13/635** (2013.01); **H01R 13/639** (2013.01); **H01R 13/5025** (2013.01); **H01R 13/512** (2013.01)

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2571110 A1 20130320; **EP 2571110 B1 20140430**; ES 2471870 T3 20140627; FR 2980311 A1 20130322; FR 2980311 B1 20131011; PL 2571110 T3 20140930

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EP 12178589 A 20120731; ES 12178589 T 20120731; FR 1158226 A 20110915; PL 12178589 T 20120731