

Title (en)

Multi-contact connector with locking element built into the thickness of the case

Title (de)

Multikontaktanschluss mit in der Dicke des Gehäuses integriertem Verschlussenteil

Title (fr)

Connecteur multicontacts avec pièce de verrouillage intégrée dans l'épaisseur du boîtier

Publication

EP 2120298 B1 20110824 (FR)

Application

EP 09158393 A 20090421

Priority

FR 0853099 A 20080514

Abstract (en)

[origin: EP2120298A1] The assembly has a multicontact connector housing (10) comprising relief blocking elements (20, 21), and a multicontact connector housing (30) comprising a housing body (120) extending along a longitudinal axis (X). A locking cap (50) is moved relative to the body perpendicularly to the axis between locked and unlocked positions. The cap has a blocking ramp (80) in which the element slides when the cap passes from unlocked position to the locked position. The body has setbacks (101, 102, 110) in its outside surface corresponding to thickness of the cap to receive the cap in locked position. An independent claim is also included for a method for removably assembling connector housings of a connection assembly.

IPC 8 full level

H01R 13/639 (2006.01)

CPC (source: EP US)

H01R 13/62911 (2013.01 - EP US); **H01R 43/26** (2013.01 - EP US); **H01R 13/631** (2013.01 - EP US); **H01R 13/64** (2013.01 - EP US); **Y10T 29/53209** (2015.01 - EP US)

Designated contracting state (EPC)

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