

Title (en)
SEALED CONNECTOR WITH AXIAL ASSEMBLY

Title (de)
ABGEDICHTETER VERBINDER MIT AXIALER MONTAGE

Title (fr)
CONNECTEUR ÉTANCHE À ASSEMBLAGE AXIAL

Publication
EP 3525295 B1 20230111 (EN)

Application
EP 19155886 A 20190207

Priority
IT 201800002640 A 20180213

Abstract (en)
[origin: EP3525295A1] Sealed, multipolar connector (1), comprising a male sub-assembly (2) comprising a plurality of pins (27), a female sub-assembly (3) comprising a plurality of sockets (37), wherein said pins are configured so that they engage said sockets when the connector is closed, characterized in that said male sub-assembly (2) comprises a co-molded element (21) in plastic and rubber; said female sub-assembly (3) comprises a co-molded element (31) in plastic and rubber, and a locking ring (38); said co-molded elements (21, 31) comprise clamping teeth (217, 317) configured to be engaged with each other when said elements (21, 31) are coupled, and in that said ring (38) is slidably fastened to said female element (31) so that, after a translation of said ring (38), said clamping teeth (317) of said female element can be radially widened so that respective clamping teeth (217) provided on the male connector are not engaged.

IPC 8 full level
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CPC (source: EP)
H01R 13/5219 (2013.01); **H01R 13/6275** (2013.01); **H01R 13/62905** (2013.01); **H01R 2107/00** (2013.01)

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