

Title (en)
Cable connection system

Title (de)
Kabelanschlusssystem

Title (fr)
Système de connexion de câble

Publication
EP 2400594 A2 20111228 (EN)

Application
EP 11170795 A 20110621

Priority
AU 2010902786 A 20100624

Abstract (en)
A cable connection system comprises a connector body (10), a fastener (20) and an installation tool (30). The connector body (10) is formed of an electrically conductive material and has a tunnel (11) for receipt of a cable to be connected and a threaded aperture (12) communicating with the tunnel (11) and opening onto an external surface (13) of the connector body (10). The fastener (20) is formed of an electrically conductive material. The fastener (20) has a hollow fastener body defined by a substantially cylindrical frangible fastener wall (23) having a slot (24) formed therein and extending from the fastener trailing end (22) towards the fastener leading face (21). The fastener wall (23) is externally threaded for engagement with the threaded aperture (12). The installation tool (30) is adapted to rotatably drive the fastener (20) through the threaded aperture (12). The tool (30) has a drive tab (31) adapted to be slidingly received in the slot (24) and to transmit torque from the tool (30) to the fastener wall (23) at the slot (24). The tool (30) further has a detent surface (32) adapted to engage the external surface (13) of the connector body (10) adjacent the aperture (12), thereby limiting travel of the tab (31) along the slot (24), in use, such that upon application of a predetermined torque to the tool (30), the fastener wall (23) fails at the tab (31) at a predetermined location relative to the external surface (13) of the connector body (10).

IPC 8 full level
H01R 4/36 (2006.01); **H01R 43/00** (2006.01)

CPC (source: EP)
H01R 4/36 (2013.01); **H01R 43/00** (2013.01); **H01R 13/5213** (2013.01)

Cited by
CN114630966A; CN113261160A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2400594 A2 20111228; **EP 2400594 A3 20120222**; **EP 2400594 B1 20130424**; AU 2011202893 B1 20110811; NZ 593496 A 20110930

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