

Title (en)

Socket assembly

Title (de)

Fassungsanordnung

Title (fr)

Ensemble de douille

Publication

EP 2911246 B1 20171129 (EN)

Application

EP 14000619 A 20140221

Priority

EP 14000619 A 20140221

Abstract (en)

[origin: EP2911246A1] A socket assembly comprises a socket element (14) retained within one end of a coiled spring (10), and a spigot (16) partly retained within the other end of the coiled spring, the spigot serving as a means to attach the socket assembly to a surface (20). When a plug (22) which terminates a cable (24) is coupled to the socket element of the socket assembly, tension in the cable causes the socket element to deflect (30, 32) so that the longitudinal axis (26) of the coupled plug and socket elements becomes substantially parallel to the cable, thus preventing damage to the cable. If the tension in the cable is sufficiently large, the plug disengages from the socket element, thus preventing the cable from breaking or becoming detached from the plug.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 13/11** (2006.01); **H01R 4/24** (2006.01); **H01R 13/56** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP)

H01R 4/4863 (2013.01); **H01R 13/111** (2013.01); **H01R 4/247** (2013.01); **H01R 13/562** (2013.01); **H01R 13/5841** (2013.01); **H01R 2201/12** (2013.01)

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 2911246 A1 20150826; EP 2911246 B1 20171129

DOCDB simple family (application)

EP 14000619 A 20140221