

Title (en)
Plug device with torsion relief

Title (de)
Steckvorrichtung mit Zugentlastung

Title (fr)
Dispositif de raccordement doté d'une décharge de traction

Publication
EP 2099101 B1 20160504 (DE)

Application
EP 09152081 A 20090204

Priority
DE 102008000479 A 20080303

Abstract (en)
[origin: EP2099101A1] The plug assembly (200) has a clamping basket (230) having radially movable clamping fingers (231) and defining an axis (A) and designed to allow insertion of a cable into housing in a direction of the axis. A rotary sleeve (220) is supported on the housing for rotation and is fixed in an axial position with respect to the housing. The rotary sleeve moves the clamping basket or a pinch ring in the axial direction when rotated to modify a radial position of the clamping fingers. The sealing basket is snugly fitted onto the housing in an assembled state of the plug assembly.

IPC 8 full level
H01R 13/59 (2006.01)

CPC (source: EP US)
H01R 13/59 (2013.01 - EP US)

Citation (examination)

- US 4835342 A 19890530 - GUGINSKY FRANK [US]
- US 5543582 A 19960806 - STARK THOMAS S [US], et al
- WO 9427079 A1 19941124 - HEYCO MOLDED PRODUCTS INC [US], et al

Cited by
EP3435494A1

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2099101 A1 20090909; EP 2099101 B1 20160504; CN 101527407 A 20090909; CN 101527407 B 20120704;
DE 102008000479 A1 20090910; DK 2099101 T3 20160822; HK 1136903 A1 20100709; US 2009221176 A1 20090903;
US 7980885 B2 20110719

DOCDB simple family (application)
EP 09152081 A 20090204; CN 200910118294 A 20090303; DE 102008000479 A 20080303; DK 09152081 T 20090204;
HK 10100587 A 20100120; US 39357009 A 20090226