

Title (en)

PRESSURE BALANCED CONNECTOR TERMINATION

Title (de)

STECKERENDVERSCHLUSS MIT DRUCKAUSGLEICH

Title (fr)

TERMINAISON DE CONNECTEUR À ÉQUILIBRAGE DE LA PRESSION

Publication

EP 3058623 B1 20180711 (EN)

Application

EP 14790928 A 20141013

Priority

- US 201314054137 A 20131015
- US 2014060254 W 20141013

Abstract (en)

[origin: WO2015057563A1] A pressure-balanced electrical cable assembly including a connector body, an electrical conductor positioned within the connector body, an interior chamber defined within the connector body, a dielectric fluid medium contained within the chamber, and a shuttle delimiting at least a portion of the chamber to prevent the escapement of the dielectric fluid from the chamber. The shuttle is moveable in response to differences between a pressure within the chamber and a pressure outside of the chamber.

IPC 8 full level

H01R 13/523 (2006.01); **E21B 17/02** (2006.01)

CPC (source: EP)

H01R 13/523 (2013.01)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 2014060254 W 20141013; BR 112016007149 A 20141013; CA 2927097 A 20141013; EP 14790928 A 20141013; ZA 201601841 A 20160316