

Title (en)

DYNAMIC CONTACT ROTARY BAYONET ELECTRICAL CONNECTOR

Title (de)

ELEKTRISCHER VERBINDER FÜR EINEN DYNAMISCHEN ROTIERENDEN BAJONETTKONTAKT

Title (fr)

CONNECTEUR ÉLECTRIQUE À BAÏONNETTE ET ROTATIF À CONTACT DYNAMIQUE

Publication

EP 2792032 A1 20141022 (EN)

Application

EP 11877218 A 20111214

Priority

CA 2011001364 W 20111214

Abstract (en)

[origin: WO2013086603A1] The present invention relates generally to multi-trace electrical connectors for harsh environments. More particularly, the present invention relates to bayonet rotary electrical connectors which maintain electrical connection dynamically, and which may have replaceable connector components. This type of connector is used, for example, in drilling operations where the connector must be rotated, for example during assembly, disassembly, or operation of bottom hole equipment or sensor or communications packages, and where the electrical connection may be maintained.

IPC 8 full level

H01R 13/15 (2006.01); **H01R 13/533** (2006.01); **H01R 13/625** (2006.01); **H01R 24/38** (2011.01); **H01R 24/58** (2011.01)

CPC (source: EP)

H01R 24/38 (2013.01); **H01R 24/58** (2013.01); **H01R 2107/00** (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)

WO 2013086603 A1 20130620; EP 2792032 A1 20141022; EP 2792032 A4 20141022; HK 1203698 A1 20151030

DOCDB simple family (application)

CA 2011001364 W 20111214; EP 11877218 A 20111214; HK 15103928 A 20150422