



The European Union

The Director of Patents and Trademarks

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

European Patent

Grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the European Union for the term of the patent, subject to the payment of maintenance fees as provided by law.

IN WITNESS whereof our President has caused these Our Letters Patent, to be sealed with the seal of the Patent Office of Europe.

Benoit Battistelli

President of European Patent Office



(11) EP 3 011 217 B1

(12) EUROPEAN PATENT SPECIFICATION

- | | |
|---|---|
| (45) Date of publication and mention of the grant of the patent:
15.05.2019 Bulletin 2019/20 | (51) Int Cl.:
F16L 55/10 (2006.01) |
| (21) Application number: 14742018.6 | (86) International application number:
PCT/US2014/043362 |
| (22) Date of filing: 20.06.2014 | (87) International publication number:
WO 2014/205322 (24.12.2014 Gazette 2014/52) |

(54) HIGH-PRESSURE FLUID CONDUIT
HOCHDRUCKFLUIDLEITUNG
CONDUIT DE FLUIDE À HAUTE PRESSION

- | | |
|--|---|
| (84) Designated Contracting States:
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 | (72) Inventor: CARDONA, Robert
Cinnaminson, NJ 08077 (US) |
| (30) Priority: 20.06.2013 US 201313922794 | (74) Representative: Grünecker Patent- und
Rechtsanwälte
PartG mbB
Leopoldstraße 4
80802 München (DE) |
| (43) Date of publication of application:
27.04.2016 Bulletin 2016/17 | (56) References cited:
WO-A1-2005/001327 US-A- 3 913 603
US-A- 4 828 183 US-A1- 2012 234 423 |
| (73) Proprietor: Zena Associates, LLC
Folcroft, PA (US) | |

EP 3 011 217 B1

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).