

Title (en)
FLOW TUBE

Title (de)
STRÖMUNGSROHR

Title (fr)
TUBE D'ÉCOULEMENT

Publication
EP 4151828 A1 20230322 (EN)

Application
EP 22196122 A 20220916

Priority
GB 202113233 A 20210916

Abstract (en)
A flow tube for a control head for an apparatus (1) for forming a liquid seal around a conduit, cable or wire for intervention into a well, the flow tube comprising a flexible body (16) capable of stretching to accommodate localised variations in the external diameter of the conduit, cable or wire while maintaining a close contact with the external surface of the conduit, cable or wire.

IPC 8 full level
E21B 33/072 (2006.01); **E21B 19/08** (2006.01); **E21B 33/02** (2006.01)

CPC (source: EP GB US)
E21B 19/00 (2013.01 - GB); **E21B 19/002** (2013.01 - GB); **E21B 19/08** (2013.01 - EP GB); **E21B 23/14** (2013.01 - GB);
E21B 33/02 (2013.01 - EP); **E21B 33/068** (2013.01 - GB); **E21B 33/072** (2013.01 - EP GB); **E21B 33/10** (2013.01 - US)

Citation (search report)

- [A] US 2943682 A 19600705 - INGRAM JR WILLIAM H, et al
- [A] GB 2136477 A 19840919 - CAMCO INC
- [A] WO 2016126241 A1 20160811 - HALLIBURTON ENERGY SERVICES INC [US]
- [A] WO 2013083980 A2 20130613 - NAT OILWELL VARCO UK LTD [GB]
- [A] US 5188173 A 19930223 - RICHARDSON DAVID L [US], et al
- [A] US 5048603 A 19910917 - BELL LARRY M [US], et al

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4151828 A1 20230322; GB 2610829 A 20230322; US 2023084887 A1 20230316

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