

Title (en)

COILED TUBING ARRANGEMENT FOR WELLBORE UNLOADING

Title (de)

GEWICKELTE ROHRLEITUNGSANORDNUNG ZUR BOHRLOCHENTLASTUNG

Title (fr)

DISPOSITIF DE TUBAGE ENROULÉ POUR LE DÉCHARGEMENT DE PUITS DE FORAGE

Publication

EP 3494282 A4 20200325 (EN)

Application

EP 16911774 A 20160804

Priority

US 2016045558 W 20160804

Abstract (en)

[origin: WO2018026370A1] A wellbore unloading arrangement for removal of debris from a wellbore. The unloading arrangement includes an unloading bottom hole assembly which can inject both nitrogen and a liquid as well as draw debris into a flowbore for transmission to surface. Nitrogen injection allows unloading at greater depths.

IPC 8 full level

E21B 37/00 (2006.01); **E21B 17/20** (2006.01); **E21B 19/22** (2006.01); **E21B 37/06** (2006.01); **E21B 37/08** (2006.01); **E21B 41/00** (2006.01)

CPC (source: EP)

E21B 17/203 (2013.01); **E21B 19/22** (2013.01); **E21B 37/08** (2013.01)

Citation (search report)

- [A] EP 1852571 A1 20071107 - SCHLUMBERGER SERVICES PETROL [FR], et al
- [A] US 2005217853 A1 20051006 - HAYES KIRBY [CA], et al
- [A] EP 1288434 A1 20030305 - HUGHES UBHD TOOL COMPANY LLC [US]
- See references of WO 2018026370A1

Designated contracting state (EPC)

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DOCDB simple family (application)

US 2016045558 W 20160804; BR 112019001850 A 20160804; EP 16911774 A 20160804; MY PI2019000495 A 20160804; SA 519401010 A 20190202