

Title (en)
VIBRATING CEMENT INJECTOR

Title (de)
VIBRIERENDER ZEMENTINJEKTOR

Title (fr)
INJECTEUR DE CIMENT VIBRANT

Publication
EP 4038259 A1 20220810 (EN)

Application
EP 20788905 A 20201002

Priority
• NL 2023957 A 20191003
• NL 2020050612 W 20201002

Abstract (en)
[origin: WO2021066655A1] An energy input may be required for improving a closure provided in a conduit. Since a conduit, such a underground well, may be difficult to reach, it may also be difficult to provide energy to this difficult to reach location. A device for providing a closure in a conduit for closing the conduit is envisioned comprising a rotor, driveable by a flow of filler material, and a closure improvement unit, connected to the rotor such that the closure improvement unit is rotatably driveable by the rotor. The closure improvement unit may comprise any device which use energy from the rotor to improve properties of the closure, for example a radial vibration unit for providing radial vibrations to filler material of the closure, and/or a sealant injection mechanism for injecting a sealant material to form a seal as part of the closure to improve the closure.

IPC 8 full level
E21B 28/00 (2006.01); **E21B 33/13** (2006.01)

CPC (source: EP)
E21B 28/00 (2013.01); **E21B 33/13** (2013.01)

Citation (search report)
See references of WO 2021066655A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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