

Title (en)
CEMENT PLUG TESTER

Title (de)
ZEMENTSTOPFENPRÜFVORRICHTUNG

Title (fr)
TESTEUR DE BOUCHON DE CIMENT

Publication
EP 4051869 C0 20231227 (EN)

Application
EP 20803985 A 20201102

Priority
• NL 2024144 A 20191101
• NL 2020050677 W 20201102

Abstract (en)
[origin: WO2021086191A1] A device is provided for applying a load on a cement plug in a well, comprising a housing, arranged to be lowered into a well, and a clamping mechanism, arranged to fixate a position of the housing relative to the well in an engaged state. The device further comprises an actuator connected to the housing, comprising a force input for receiving an input force, a force output for exerting an output force, and a force amplification module for amplifying the input force using a mechanical advantage and transferring the amplified force to the force output. The device further comprises a load mechanism, coupled to the force output, wherein the load mechanism is arranged to apply the load on the cement plug directly or indirectly via one or more components of the device. A force of the load mechanism relative to the clamping mechanism is to exceed a load to apply.

IPC 8 full level
E21B 47/005 (2012.01)

CPC (source: EP)
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Participating member state (EPC – UP)
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