

Title (en)

Device for exerting pressure to a stiffening of a pit

Title (de)

Vorrichtung zur Druckbeaufschlagung einer Schachteinfassung

Title (fr)

Dispositif permettant de mettre en pression une partie de la paroi d'un puits

Publication

EP 2218827 B1 20120523 (FR)

Application

EP 10290040 A 20100129

Priority

FR 0900607 A 20090212

Abstract (en)

[origin: EP2218827A1] The device has a cylinder chamber (41) having parts (47, 50) with variable volume based on displacement of a piston (46). One of the parts with a supply outlet (43) is filled with incompressible fluid. A connection unit connects an end (49) of a control rod (48) with the piston, so that the rod is partially set in the other part not having supply outlet. A control unit (60) controls translation of the rod along longitudinal axis (42) so as to slide the piston in the chamber with predetermined quantity. Cells (11-13) of a tri-cellular probe (10) have walls made of elastic rubber. The incompressible fluid is water and gas.

IPC 8 full level

E02D 1/02 (2006.01)

CPC (source: EP)

E02D 1/022 (2013.01)

Cited by

EP2865810A1; EP2952632A1; FR3021677A1; CN103437335A; FR3011562A1

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DOCDB simple family (publication)

EP 2218827 A1 20100818; EP 2218827 B1 20120523; ES 2388056 T3 20121008; FR 2941975 A1 20100813; FR 2941975 B1 20110204; PL 2218827 T3 20121031

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