

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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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 SE SI SK SM TR

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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