

Title (en)

Equipment for remote launching of cementing plugs

Title (de)

Gerät zur Ferneinführung von Zementierstopfen

Title (fr)

Équipement pour le lancement à distance de bouchons de cimentation

Publication

EP 2317065 A1 20110504 (EN)

Application

EP 09290830 A 20091030

Priority

EP 09290830 A 20091030

Abstract (en)

An apparatus and methods are presented for remotely launching cementing plugs during the primary cementation of a subterranean well. The apparatus is designed to prevent premature release of the top plug during a cementing operation. The apparatus comprises a latch mechanism that closes when a top dart lands inside a cementing head, thereby restricting further downward movement. The latch reopens when a top dart lands inside a cementing head, thereby ensuring release of the top plug at the correct moment.

IPC 8 full level

E21B 33/05 (2006.01)

CPC (source: EP)

E21B 33/05 (2013.01)

Citation (search report)

- [X] US 5890537 A 19990406 - LAVAURE GILBERT [US], et al
- [X] EP 0377255 A1 19900711 - PUMPTech NV [BE], et al
- [X] EP 1464788 A1 20041006 - HALLIBURTON ENERGY SERV INC [US]
- [XD] EP 0450676 A1 19911009 - PUMPTech NV [BE], et al
- [A] US 4317486 A 19820302 - HARRIS MONTY E

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2317065 A1 20110504

DOCDB simple family (application)

EP 09290830 A 20091030