

Title (en)

WELLBORE SYSTEM INCLUDING A CONDUIT AND AN EXPANDABLE DEVICE

Title (de)

BOHRLOCHSYSTEM MIT EINEM ROHR UND EINER EXPANDIERBAREN VORRICHTUNG

Title (fr)

SYSTEME DE FORAGE COMPRENANT UN CONDUIT ET UN DISPOSITIF EXTENSIBLE

Publication

EP 1133617 A1 20010919 (EN)

Application

EP 99971485 A 19991101

Priority

- EP 99971485 A 19991101
- EP 9908689 W 19991101
- EP 98710015 A 19981104

Abstract (en)

[origin: WO0026501A1] A system is provided including a conduit having a longitudinal axis, and a device (30) which is radially expandable relative to the conduit from a retracted mode whereby the device is radially spaced from the conduit, to an expanded mode whereby the device is radially expanded against the conduit. The device includes a shape memory metal element transformable from a first shape to a second shape upon reaching a selected temperature, the shape memory metal element being arranged to expand the device from the retracted mode to the expanded mode upon transformation of the memory metal element from the first shape to the second shape.

IPC 1-7

E21B 23/01; **E21B 43/10**; **E21B 33/12**; **E21B 23/02**

IPC 8 full level

E21B 23/01 (2006.01); **E21B 23/02** (2006.01); **E21B 33/12** (2006.01); **E21B 41/00** (2006.01); **E21B 43/10** (2006.01)

CPC (source: EP)

E21B 23/01 (2013.01); **E21B 23/02** (2013.01); **E21B 33/1212** (2013.01); **E21B 41/0042** (2013.01); **E21B 43/10** (2013.01); **E21B 43/105** (2013.01)

Citation (search report)

See references of WO 0026501A1

Cited by

GB2544145A; GB2619672A; WO2015134143A1; WO2022261076A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0026501 A1 20000511; AU 1382800 A 20000522; AU 757221 B2 20030206; BR 9915064 A 20010731; CA 2349188 A1 20000511; CA 2349188 C 20080805; CN 1258635 C 20060607; CN 1325478 A 20011205; DE 69920261 D1 20041021; DE 69920261 T2 20050120; EA 003241 B1 20030227; EA 200100495 A1 20011022; EG 22610 A 20030531; EP 1133617 A1 20010919; EP 1133617 B1 20040915; GC 0000080 A 20040630; ID 29483 A 20010830; NO 20012189 D0 20010503; NO 20012189 L 20010702; NO 320696 B1 20060116; OA 11798 A 20050810

DOCDB simple family (application)

EP 9908689 W 19991101; AU 1382800 A 19991101; BR 9915064 A 19991101; CA 2349188 A 19991101; CN 99812967 A 19991101; DE 69920261 T 19991101; EA 200100495 A 19991101; EG 137899 A 19991102; EP 99971485 A 19991101; GC P1999354 A 19991102; ID 20010009 Q 19991101; NO 20012189 A 20010503; OA 1200100109 A 19991101