

Title (en)

DOWNHOLE DEVICE FOR CONTROLLING FLUID FLOW IN A WELL

Title (de)

BOHRLOCHWERKZEUG ZUR STEUERUNG VON FLÜSSIGKEITSSTRÖMUNGEN IN EINEM BOHRLOCH

Title (fr)

DISPOSITIF DE FOND DE TROU PERMETTANT DE REGULER L'ECOULEMENT DE FLUIDE DANS UN PUIT

Publication

**EP 1171684 B1 20030813 (EN)**

Application

**EP 00936729 A 20000428**

Priority

- EP 00936729 A 20000428
- EP 0004184 W 20000428
- EP 99303395 A 19990429

Abstract (en)

[origin: WO0066880A1] A downhole device for controlling the flow of fluids through an oil and/or gas production well comprises a deformable chamber which contains an electromagnetic field or other stimuli responsive gel and a fluid passage which is closed off in response to a volume increase of the gel and the deformable chamber.

IPC 1-7

**E21B 34/06**; **E21B 33/12**

IPC 8 full level

**E21B 33/12** (2006.01); **E21B 34/06** (2006.01)

CPC (source: EP)

**E21B 34/066** (2013.01)

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 0066880 A1 20001109**; AR 023790 A1 20020904; AT E247220 T1 20030815; AU 5212300 A 20001117; AU 760852 B2 20030522; BR 0010101 A 20020219; CA 2370159 A1 20001109; CA 2370159 C 20080617; CN 1222679 C 20051012; CN 1349586 A 20020515; DE 60004506 D1 20030918; DE 60004506 T2 20040401; EA 003112 B1 20030227; EA 200101145 A1 20020425; EG 22755 A 20030730; EP 1171684 A1 20020116; EP 1171684 B1 20030813; GC 0000131 A 20050629; ID 30403 A 20011129; MX PA01010679 A 20020604; NZ 514724 A 20030131; OA 11878 A 20060327; TR 200103120 T2 20020422

DOCDB simple family (application)

**EP 0004184 W 20000428**; AR P000102021 A 20000428; AT 00936729 T 20000428; AU 5212300 A 20000428; BR 0010101 A 20000428; CA 2370159 A 20000428; CN 00806906 A 20000428; DE 60004506 T 20000428; EA 200101145 A 20000428; EG 20000533 A 20000426; EP 00936729 A 20000428; GC P2000636 A 20000426; ID 20012342 A 20000428; MX PA01010679 A 20000428; NZ 51472400 A 20000428; OA 1200100285 A 20000428; TR 200103120 T 20000428