

Title (en)
Metal sealing wireline plug

Title (de)
Drahtseilbetätigter Stopfen mit Metalledichtung

Title (fr)
Bouchon posé au cable avec étanchéité métallique

Publication
EP 0687801 B1 20010808 (EN)

Application
EP 95304034 A 19950612

Priority
GB 9411865 A 19940614

Abstract (en)
[origin: EP0687801A2] A plug for creating a pressure barrier within an oil or gas well comprises a plug body (5) and a metal primary seal element (7) having a frusto-conical seal face (7A) adapted to engage a corresponding seal surface of a profiled well conduit to create a metal-to-metal seal having a relatively large contact area. The primary seal is energised by pressure applied above the plug, prior to the plug been set by a running tool which operates an actuating member (5) to displace locking keys (4) radially outwards so as to engage corresponding formations in the well profile and lock the plug against axial movement within the well conduit. The plug may be retrieved using a pulling tool and re-used, and includes a secondary elastomeric or polymeric seal (6). <IMAGE>

IPC 1-7
E21B 33/12; **E21B 23/02**; **E21B 23/04**

IPC 8 full level
E21B 23/02 (2006.01); **E21B 23/04** (2006.01); **E21B 33/12** (2006.01)

CPC (source: EP)
E21B 23/02 (2013.01); **E21B 33/12** (2013.01); **E21B 33/1212** (2013.01)

Cited by
NO332601B1; US8950474B2; US9464497B2

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DE GB NL

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EP 0687801 A2 19951220; **EP 0687801 A3 19971001**; **EP 0687801 B1 20010808**; DE 69522048 D1 20010913; DE 69522048 T2 20020606; GB 9411865 D0 19940803

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