

Title (en)
Drilling device

Title (de)
Bohrvorrichtung

Title (fr)
Dispositif de forage

Publication
EP 0886034 B1 20040512 (DE)

Application
EP 98110952 A 19980616

Priority
DE 19725628 A 19970617

Abstract (en)
[origin: EP0886034A2] Bores are produced in the ground, are expanded, and pipelines in the ground are destroyed and replaced using an arrangement of a feed and rotary drive and a plug-in coupling (12) attached to the drive, comprising a chuck (14) and a locking piece (15) at the end of a length of rod. Preferably the chuck has a radial aperture for insertion of the locking piece and is provided with a cup (34) pointing in the direction of the axis of rotation. A fluid line (35) may open into the cup. The length of rod preferably consists of a piece of pipe.

IPC 1-7
E21B 19/16; **E21B 19/08**; **E21B 7/30**

IPC 8 full level
E21B 7/30 (2006.01); **E21B 19/08** (2006.01); **E21B 19/086** (2006.01); **E21B 19/16** (2006.01)

CPC (source: EP US)
E21B 7/30 (2013.01 - EP US); **E21B 19/086** (2013.01 - EP US)

Cited by
DE102014017936A1; DE102014018101A1; EP3702576A1; DE102014018100B3; DE102019001204A1; CN102803643A; DE102019001200A1; US10000979B2; DE202014009613U1; US11199059B2; DE102019001200B4; EP3029263A1; US10227834B2; EP3029259A2; US10053931B2; EP3699391A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0886034 A2 19981223; **EP 0886034 A3 19991103**; **EP 0886034 B1 20040512**; CA 2240770 A1 19981217; DE 19725628 C1 19990304; DE 59811358 D1 20040617; PL 326856 A1 19981221; US 6267187 B1 20010731

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EP 98110952 A 19980616; CA 2240770 A 19980616; DE 19725628 A 19970617; DE 59811358 T 19980616; PL 32685698 A 19980617; US 9797498 A 19980616