

Title (en)

Displacement drill

Title (de)

Verdrängerbohrer

Title (fr)

Foret à déplacement

Publication

EP 0575922 B1 19970319 (DE)

Application

EP 93109825 A 19930619

Priority

DE 4220976 A 19920626

Abstract (en)

[origin: EP0575922A2] A displacement drill (10) has a displacement head (22) with a central, cylindrical displacement section (24) and frusto-conical displacement sections (26, 28) adjoining thereto. A lower drill section (12) bears a helical rib (16) which extends at a uniform height over the lower displacement section (26). The upper displacement section (28) is designed with conical-spiral displacement walls (32). <IMAGE>

IPC 1-7

E21B 10/44; **E21B 7/26**

IPC 8 full level

E21B 7/26 (2006.01); **E21B 10/44** (2006.01)

CPC (source: EP US)

E02D 5/36 (2013.01 - EP US); **E21B 7/26** (2013.01 - EP US); **E21B 10/44** (2013.01 - EP US)

Cited by

GB2329200A; DE10006973A1; DE10006973C2

Designated contracting state (EPC)

BE FR GB IT NL

DOCDB simple family (publication)

DE 4220976 C1 19930715; EP 0575922 A2 19931229; EP 0575922 A3 19940427; EP 0575922 B1 19970319; US 5353883 A 19941011

DOCDB simple family (application)

DE 4220976 A 19920626; EP 93109825 A 19930619; US 8333493 A 19930628