

Title (en)
Drill head

Title (de)
Bohrkopf

Title (fr)
Tête de forage

Publication
EP 1279793 B1 20040407 (DE)

Application
EP 02015007 A 20020704

Priority
DE 10136468 A 20010726

Abstract (en)
[origin: EP1279793A1] The drill head (2), for drilling into the ground, has a threaded core which tapers to a leading point in a continuous screw. The outer circumference has a stepped contour, seen in cross section, with horizontal (12) and vertical (14) step surfaces. The screw forms a continuous threaded projection (16) at the outer circumference, with its under side (18) flush with a horizontal step surface in cross section. The upper side (20) of the threaded projection is at an acute angle to its under side. The threaded projection has a radial extension of 1-5% of the maximum diameter of the threaded core at 10-20 mm.
[origin: EP1279793A1] The drill head (2), for drilling into the ground, has a threaded core which tapers to a leading point in a continuous screw. The outer circumference has a stepped contour, seen in cross section, with horizontal (12) and vertical (14) step surfaces. The screw forms a continuous threaded projection (16) at the outer circumference, with its under side (18) flush with a horizontal step surface in cross section. The upper side (20) of the threaded projection is at an acute angle to its under side. The threaded projection has a radial extension of 1-5% of the maximum diameter of the threaded core at 10-20 mm.

IPC 1-7
E21B 10/44; **E02D 5/36**

IPC 8 full level
E02D 5/36 (2006.01); **E21B 7/26** (2006.01); **E21B 10/44** (2006.01)

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

Cited by
EP2146046A1; EP4227467A1

Designated contracting state (EPC)
BE CH DE EE LI NL

DOCDB simple family (publication)
EP 1279793 A1 20030129; **EP 1279793 B1 20040407**; DE 10136468 A1 20030206; DE 50200332 D1 20040513

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