

Title (en)

Drill and method for drilling the soil

Title (de)

Bohrvorrichtung und Verfahren zum Erstellen einer Bohrung im Boden

Title (fr)

Dispositif et méthode pour forer dans le sol

Publication

**EP 1359257 B1 20050706 (DE)**

Application

**EP 03009634 A 20030429**

Priority

- DE 10219742 A 20020502
- DE 10301072 A 20030114

Abstract (en)

[origin: EP1359257A1] The yoke (20) connecting the three drill strings (7'-7'") together is cranked upward (22) at the center and has bearings (26) for the drill strings. There are cutting tools (9'-9'") at the tip of each drill string, and spiral flutes (11'-11'") carry the cut rock upward. The outer drill strings have spiral flutes (19'19'") above the bearings in the yoke. There are mixing paddles (14) on all three drill strings above the yoke.

IPC 1-7

**E02D 3/12**

IPC 8 full level

**E02F 5/02** (2006.01); **E02D 3/12** (2006.01); **E02D 5/18** (2006.01)

CPC (source: EP)

**E02D 3/126** (2013.01)

Cited by

CN106049474A; RU2681006C1; CN106049475A; CN108894725A; EP1741836A1; CN111962609A; WO2018090859A1

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