

Title (en)
DRILLING APPARATUS FOR HARD GROUND

Title (de)
VORRICHTUNG ZUM BOHREN IM HARTEM UNTERGRUND

Title (fr)
APPAREIL DE FORAGE EN TERRAIN DUR

Publication
EP 1264048 A1 20021211 (FR)

Application
EP 01913930 A 20010306

Priority
• FR 0100652 W 20010306
• FR 0003156 A 20000313

Abstract (en)
[origin: FR2806112A1] The tool consists of a frame (1) with two main vertical side surfaces (32) and cutting rotors (24, 26). During operation the frame can be anchored in the trench by a series of inflatable chambers (40) on the side surfaces of the frame which can apply a pressure to the side walls of the trench. The inflatable chambers are covered by a layer of a strong and flexible material, e.g. in strips fastened to the frame between the chambers, or a single rigid panel.

IPC 1-7
E02F 3/20; **E02F 3/22**

IPC 8 full level
E02F 5/02 (2006.01); **E02D 17/13** (2006.01); **E02F 3/20** (2006.01); **E02F 3/22** (2006.01); **E02F 3/18** (2006.01)

CPC (source: EP US)
E02D 17/13 (2013.01 - EP US); **E02F 3/188** (2013.01 - EP US); **E02F 3/205** (2013.01 - EP US); **E02F 3/22** (2013.01 - EP US)

Citation (search report)
See references of WO 0168990A1

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