

(19)



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(11)

EP 1 614 853 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
01.03.2006 Bulletin 2006/09

(51) Int Cl.:
E21B 10/44^(2006.01)

E21B 17/07^(2006.01)

(43) Date of publication A2:
11.01.2006 Bulletin 2006/02

(21) Application number: 05014616.6

(22) Date of filing: 06.07.2005

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR

Designated Extension States:
AL BA HR MK YU

(30) Priority: 06.07.2004 IT TO20040457

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(54) Telescoping auger drill

(57) A continuous-screw drilling equipment for drilling the ground having an extension rod with at least two sections of rod of the type in which the continuous screw constituting the tool is carried by an extension rod which is able to slide along a motor assembly from which it receives the rotary motion about a longitudinal axis thereof; the extension rod is made up of at least two coaxial sections or stretches of rod, of which the internal one (4) is without turns and is rigidly connected at the bottom end to the continuous-screw tool (5), whilst the external one (6), which is able to slide on the internal one (4) and along the motor assembly (3), has some turns constituting the screw (7) in the bottom area, the rods (4 and 6) being equipped with splined couplings for connection with one another, and the external rod (6) is in turn equipped with a splined coupling also with respect to the motor (3) so as to transmit the rotary motion from the motor to the respective screw (5 and 7).

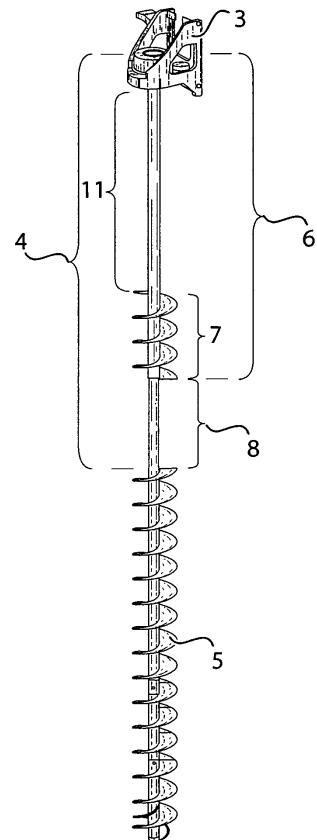


Fig. 3



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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
3	Place of search	Date of completion of the search	Examiner
	The Hague	9 January 2006	Schouten, A
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 05 01 4616

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