



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 176 283 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
09.10.2002 Bulletin 2002/41

(51) Int Cl.7: **E21B 7/02**, E21B 19/14,
E21B 19/20

(43) Date of publication A2:
30.01.2002 Bulletin 2002/05

(21) Application number: **01114612.3**

(22) Date of filing: **19.06.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Cicognani, Claudio**
47023 Cesena (FO) (IT)

(74) Representative: **Lotti, Giorgio et al**
c/o Ing. Barzanò & Zanardo Milano S.p.A.
Corso Vittorio Emanuele II, 61
10128 Torino (IT)

(30) Priority: **28.07.2000 IT TO000749**

(71) Applicant: **SOILMEC S.p.A.**
47023 Cesena, Forli (IT)

(54) Mobile drilling unit

(57) Mobile drilling unit (1) provided with a means of transport (3), a drilling tower (4) which is supported by the means of transport (3) and which is mounted so as to revolve around a horizontal rotation axis (A1), tilting means (8) for tilting the tower (4) from and to a flat position for transport, and a motor head (6) which is mount-

ed so as to be able to slide along the tower (4), and which is suitable for carrying out drilling by means of a determined number of drilling rods (2); a container (10) for storing and manoeuvring the drilling rods (2) which is associated with the drilling tower (4) and is mounted on the tilting means (8) together with the tower (4) itself.

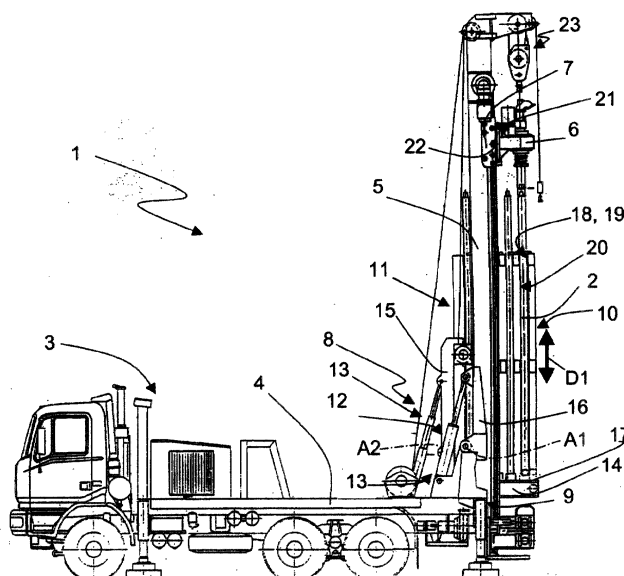


Fig. 1

EP 1 176 283 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 11 4612

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 3 741 322 A (WOLTERS J) 26 June 1973 (1973-06-26) * column 4, line 47 - column 5, line 14; figures 1,6,9-14 * -----	1-4	E21B7/02 E21B19/14 E21B19/20
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E21B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 19 August 2002	Examiner Ott, S
CATEGORY OF CITED DOCUMENTS 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 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			

EPO FORM 1503 03.82 (P04C01)

