

Title (en)

Device for mounting a drilling tool on a mast

Title (de)

Vorrichtung zur Montierung eines Bohrwerkzeuges an einem Mast

Title (fr)

Dispositif de montage d'un outil de forage sur un mât

Publication

**EP 1103695 A3 20030115 (FR)**

Application

**EP 00403227 A 20001120**

Priority

FR 9914892 A 19991126

Abstract (en)

[origin: EP1103695A2] Equipment attaches a soil drilling tool onto a mast. A carriage moves on runners extending along a face of the mast. A mounting head is at one end of an upper end of the tool and rotates it about its longitudinal axis. The head is mounted on the carriage and pivots about an axis orthogonal to the mast axis so that the tool axis is at an angle (a) to the mast axis. A movable assembly platform for the tool is at ground level.

IPC 1-7

**E21B 15/00; E21B 19/15**

IPC 8 full level

**E21B 15/00** (2006.01); **E21B 19/15** (2006.01)

CPC (source: EP)

**E21B 15/00** (2013.01); **E21B 19/155** (2013.01)

Citation (search report)

- [A] US 4393944 A 19830719 - GUGGER HANS [AU], et al
- [A] US 3766991 A 19731023 - BROWN C
- [A] US 4822230 A 19890418 - SLETTEDAL PER [NO]
- [A] EP 0548900 A2 19930630 - SOILMEC SPA [IT]
- [A] US 3404741 A 19681008 - ALDEA GHEORGHE, et al
- [A] US 3917005 A 19751104 - CANNON ROBERT E, et al
- [A] US 5501286 A 19960326 - BERRY JOE R [US]
- [A] US 4605077 A 19860812 - BOYADJIEFF GEORGE I [US]

Cited by

EP1288433A1; DE102007017812A1; CN103448071A; US6808029B2

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