

Title (en)

Equipment for stowing and handling rods used in drilling rigs

Title (de)

Ausrüstung zur Lagerung und Handhabung von Bohrgestängen für Bohranlagen

Title (fr)

Equipement de stockage et de maniment de tiges de forage pour installations de forage

Publication

**EP 0978628 A3 20000628 (EN)**

Application

**EP 99113660 A 19990714**

Priority

IT TO980687 A 19980806

Abstract (en)

[origin: EP0978628A2] Equipment (8) for stowing and handling rods (5) used in drilling plants presenting a service well (7) for removing and placing the individual rods (5), and a control unit(8) for moving the rods (5) suitable for moving the rods from and to the service well (7) itself, and presenting, in turn, a preassembled tiltable loader which is able to move between a flat working position and a raised working position in order to arrange the rods (5) on an upright (B) of said service well (7); said equipment also presents a sliding positioning device (21) which is associated with the tiltable loader (13) in order to position each rod (5) in a set-up working position at a determined height along the upright (B) of the service well (7).  
<IMAGE>

IPC 1-7

**E21B 19/14; E21B 19/15**

IPC 8 full level

**E21B 19/15** (2006.01)

CPC (source: EP)

**E21B 19/155** (2013.01)

Citation (search report)

- [Y] EP 0731251 A2 19960911 - SOILMEC SPA [IT]
- [Y] GB 2083106 A 19820317 - BOLAND THOMAS
- [Y] US 4020909 A 19770503 - AIRAUDO ANTONIN
- [Y] FR 2092611 A1 19720128 - SNECMA
- [Y] US 4899832 A 19900213 - BIERSCHEID JR ROBERT C [US]
- [A] US 3851770 A 19741203 - JENKINS C, et al

Cited by

CN112621709A; CN113153183A; EP1158136A1; US6591904B2

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