

Title (en)

Accommodation for tubular drilling tool

Title (de)

Aufnahme für rohrförmiges Bohrwerkzeug

Title (fr)

Réception pour outil de forage tubulaire

Publication

EP 1624151 A2 20060208 (DE)

Application

EP 05013188 A 20050618

Priority

DE 102004034703 A 20040717

Abstract (en)

The device has a radial locking pin (4) that engages an appropriate opening of the drilling tool. The locking pin is rotatably and adjustably arranged in casing (17) and there is a radial journal (16) on the locking pin that engages an elongated helical window (18) in the casing. Viewed from the surface of the casing the window lies diagonally to the axis of rotation of the locking pin and casing in the front region and is aligned transversely to the axis of rotation in the rear region. The locking pin can be rotated by a crank-shaped lever (14) transverse to the axis of rotation with a pneumatic cylinder (11) acting upon it.

IPC 8 full level

E21B 17/03 (2006.01); **E02D 13/10** (2006.01)

CPC (source: EP)

E21B 6/00 (2013.01); **E21B 17/03** (2013.01); **E21B 17/0465** (2020.05)

Cited by

EP1860275A1; EP2503092A1; ITTO20110248A1; DE102013020761A1; CN105814272A; AU2014361261B2; RU2636983C1; DE102013020761B4; US10113619B2; DE102013111692A1; WO2015086126A3; EP3163009A1; EP3163009B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1624151 A2 20060208; **EP 1624151 A3 20060712**; **EP 1624151 B1 20070815**; AT E370308 T1 20070915; DE 102004034703 A1 20060216; DE 502005001224 D1 20070927; DK 1624151 T3 20071227; ES 2293425 T3 20080316

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