

Title (en)

COMBINED-TYPE DRIVING SLEEVE OF DRILLING RIG WITH RELIABLY FIXED DRAW KEY

Title (de)

KOMBINIERTE ANTRIEBSHÜLSE VON BOHRANLAGEN MIT SICHER BEFESTIGTEM ZIEHKEIL

Title (fr)

MANCHON D'ENTRAÎNEMENT DE TYPE COMBINÉ D'UN APPAREIL DE FORAGE AYANT UNE CLAVETTE MOBILE FIXÉE DE MANIÈRE FIABLE

Publication

**EP 3135853 A4 20170705 (EN)**

Application

**EP 14890225 A 20141225**

Priority

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- CN 2014094943 W 20141225

Abstract (en)

[origin: EP3135853A1] The invention disclose a combined driving sleeve of a drilling rig with a reliably fixed draw key, which comprises: a driving sleeve body (1), a draw key (2), a fixed stopper block (6), a movable stopper block (7), and bolts (8), the fixed stopper block (6) is fixed at one end of a groove of the driving sleeve body (1), while the movable stopper block (7) is fixed at the other end of the groove of the driving sleeve body (1) by means of a bolt (8), and the draw key (2) is fixed into the groove of the driving sleeve body (1) by means of the fixed stopper block (6) and the movable stopper block (7). The advantages thereof are: the draw key is reliably fixed and will not easily come loose; the method of mounting the draw key of the driving sleeve is simple and manufacturing costs are low; the operating space for replacing the draw key is large, and labor intensity is low; and the draw key is longitudinally symmetrical and can be inverted and interchanged.

IPC 8 full level

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Citation (search report)

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- [II] CN 103590755 A 20140219 - BEIJING SANY HEAVY MACH CO LTD
- [A] US 3987856 A 19761026 - CARL JOSEPH A, et al
- [A] US 2979926 A 19610418 - SNYDER LENARD D, et al
- See references of WO 2015161664A1

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