

Title (en)
BIT CHANGER

Title (de)
BOHRSPITZENWECHSLER

Title (fr)
CHANGEUR DE FORET

Publication
EP 2078133 A4 20150916 (EN)

Application
EP 07835294 A 20071004

Priority
• SE 2007050709 W 20071004
• SE 0602275 A 20061030

Abstract (en)
[origin: WO2008054302A1] A device for automatic changing of a drill bit (2) on a drill rod (5) for a drilling machine (4) which is supported by a feeder (3), which device comprises a bracket (6) for fastening to a forward portion of the feeder (3) and, attached to the bracket, a magazine (10) for drill bits (2), and a separate basket (9) for gathering up replaced drill bits (2) and comprises also a clamping means (14) for firmly clamping the drill rod (5) during a change of drill bit (2), whereby the device is pivoted upwards in front of a worn drill bit (2), which is unscrewed and gathered up in the basket (9), after which another drill bit from the magazine is screwed onto the drill rod.

IPC 8 full level
E21B 19/18 (2006.01); **E21B 19/20** (2006.01)

CPC (source: EP SE)
E21B 19/18 (2013.01 - EP SE); **E21B 19/20** (2013.01 - SE)

Citation (search report)
• [XA] US 3977480 A 19760831 - HILDING JONAS OLOF ANDERS
• [A] US 3976149 A 19760824 - GRANHOLM SVEN, et al
• See also references of WO 2008054302A1

Cited by
CN107837110A

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008054302 A1 20080508; AU 2007314668 A1 20080508; AU 2007314668 B2 20130228; CA 2667876 A1 20080508; CA 2667876 C 20141202; CL 2007003139 A1 20080111; CN 101517190 A 20090826; CN 101517190 B 20120222; EP 2078133 A1 20090715; EP 2078133 A4 20150916; NO 20092124 L 20090529; SE 0602275 L 20080501; SE 531726 C2 20090721

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SE 2007050709 W 20071004; AU 2007314668 A 20071004; CA 2667876 A 20071004; CL 2007003139 A 20071030; CN 200780035658 A 20071004; EP 07835294 A 20071004; NO 20092124 A 20090529; SE 0602275 A 20061030