

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

Designated contracting state (EPC)  
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

DOCDB simple family (application)  
**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