

Title (en)  
DRILLING APPARATUS AND METHOD FOR PRODUCING A BOREHOLE

Title (de)  
DREHBOHRWERKZEUG UND VERFAHREN ZUM ERSTELLEN EINER BOHRUNG

Title (fr)  
PERFORATRICE ROTATIVE ET PROCÉDÉ DE FABRICATION D'UN ALÉSAGE

Publication  
**EP 3336301 B1 20230913 (DE)**

Application  
**EP 16205044 A 20161219**

Priority  
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Abstract (en)  
[origin: WO2018114230A1] The invention relates to a rotary drilling tool and to a method for creating a borehole in the ground, comprising a main body, a removal apparatus, which has at least one hammer unit, which comprises an axially reversingly driven hammer element, and a lead-away line for leading away removed ground material and drilling suspension. According to the invention, a pumping apparatus is arranged on the main body along the lead-away line and the pumping apparatus is designed for pumping away the removed ground material with drilling suspension through the lead-away line.

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Citation (examination)

- EP 2592214 A1 20130515 - CHUAN HOME MACHINERY CO LTD [TW]
- EP 2703596 A1 20140305 - BAUER MASCHINEN GMBH [DE]
- US 4790391 A 19881213 - HAMAMURA HIROYUKI [JP], et al

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**EP 16205044 A 20161219**; CN 201780078760 A 20171127; EP 2017080474 W 20171127; KR 20197016971 A 20171127; US 201716469275 A 20171127