

Title (en)  
DEVICE FOR DRY DRILLING USING DRILLING DEBRIS SUCTION

Title (de)  
VORRICHTUNG ZUM TROCKENBOHREN MIT BOHRKLEINABSAUGUNG

Title (fr)  
DISPOSITIF DE FORAGE À SEC AVEC ASPIRATION DES DÉBLAIS DE FORAGE

Publication  
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Application  
**EP 13708656 A 20130206**

Priority

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Abstract (en)  
[origin: WO2013120475A2] The invention relates to a device for dry drilling using drilling debris flushing and dust extraction, which is suitable for use in a drilling rig having one or especially also a plurality of drilling trucks, wherein each drilling truck having a dust extraction means and drilling debris collector (2') is assigned a vacuum generator (3) that is stable with regard to volume flow, especially in the form of rotary piston blowers (10, 11, 12), and a surface filter (4, 4', 4'') having compact elements (5, 6) and serving as a dust filter (2) and drilling debris collector (2'). The surface filter (4) is designed in such a manner that said filter reliably separates both the drilling debris and the dust.

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