

Title (en)  
GROUND-DRILLING DEVICE

Title (de)  
ERDBOHRVORRICHTUNG

Title (fr)  
DISPOSITIF DE FORAGE DU SOL

Publication  
**EP 2558672 B1 20141224 (DE)**

Application  
**EP 11717182 A 20110408**

Priority  
• DE 102010015465 A 20100416  
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Abstract (en)  
[origin: WO2011128045A2] The invention relates to a ground-drilling device with a basic body and with a drilling head movably mounted in relation thereto in the longitudinally axial direction, wherein a clearance, which is variable in its size owing to the movable mounting, is formed between the drilling head and the basic body, and with a sealing element for sealing the clearance with respect to the surroundings, wherein the sealing element is designed as a valve element which opens when an overpressure prevails inside the clearance, in order to produce a pressure equalization, and which is closed when a negative pressure prevails inside the clearance, in order to prevent a pressure equalization.

IPC 8 full level  
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CPC (source: EP US)  
**E21B 4/145** (2013.01 - EP US); **E21B 17/03** (2013.01 - EP US)

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EP 0181712 A1 19860521 - ALLIED STEEL TRACTOR PROD INC [US]

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