

Title (en)
SOIL DRILLING DEVICE

Title (de)
ERDBOHRVORRICHTUNG

Title (fr)
DISPOSITIF DE FORAGE DE LA TERRE

Publication
EP 3029260 B1 20180110 (DE)

Application
EP 15003400 A 20151130

Priority
DE 102014017936 A 20141205

Abstract (en)
[origin: US2016160583A1] An earth drilling device with a slide to move a drill string along a feed axis and a frame, wherein the slide is movable backwards and forwards within the frame, and a tilting device exists in the frame which causes the slide to incline relative to the feed axis when moving backwards.

IPC 8 full level
E21B 7/04 (2006.01); **E21B 7/20** (2006.01); **E21B 19/08** (2006.01); **E21B 19/14** (2006.01)

CPC (source: EP US)
E21B 7/046 (2013.01 - EP US); **E21B 7/20** (2013.01 - EP US); **E21B 19/08** (2013.01 - EP US); **E21B 19/14** (2013.01 - EP US);
E21B 19/24 (2013.01 - US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3029260 A1 20160608; EP 3029260 B1 20180110; DE 102014017936 A1 20160609; US 10000979 B2 20180619;
US 2016160583 A1 20160609

DOCDB simple family (application)
EP 15003400 A 20151130; DE 102014017936 A 20141205; US 201514956962 A 20151202