

Title (en)  
ANCHORING DEVICE

Title (de)  
VERANKERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ANCRAGE

Publication  
**EP 2596200 A2 20130529 (EN)**

Application  
**EP 11735963 A 20110719**

Priority  
• NZ 59416411 A 20110719  
• NZ 58688310 A 20100719  
• US 2011044503 W 20110719

Abstract (en)  
[origin: WO2012012401A2] In an anchoring device, a drill head and expansion element(s) are configured to cooperatively interlock with each other to provide for directed movements of the drill head relative to a longitudinal axis of the shaft. Co-operating contact surfaces between the drill head and the expansion element(s) are configured such that relative longitudinal movement of the drill head with respect to the expansion element(s) displace(s) the expansion element(s) outwardly so the expansion element(s) can provide frictional contact with a borehole once inserted therein. A stop is configured to restrict or prevent longitudinal movement of the expansion element(s) upon relative longitudinal movement of the drill head with respect to the expansion element(s).

IPC 8 full level  
**E21D 21/00** (2006.01)

CPC (source: EP)  
**E21D 21/0053** (2016.01); **E21D 21/008** (2013.01)

Citation (search report)  
See references of WO 2012012401A2

Citation (examination)  
US 2007269274 A1 20071122 - SEEDSMAN ROSS [AU]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012012401 A2 20120126; WO 2012012401 A3 20121206**; AU 2011282263 A1 20130228; BR 112013001565 A2 20160510; CA 2805873 A1 20120126; EP 2596200 A2 20130529

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**US 2011044503 W 20110719**; AU 2011282263 A 20110719; BR 112013001565 A 20110719; CA 2805873 A 20110719; EP 11735963 A 20110719