

Title (en)  
Coupling means

Title (de)  
Kupplungsvorrichtung

Title (fr)  
Dispositif de couplage

Publication  
**EP 1860275 B1 20080611 (DE)**

Application  
**EP 06008687 A 20060426**

Priority  
EP 06008687 A 20060426

Abstract (en)  
[origin: EP1860275A1] Coupling device for a boring rod (Bohrgestange, sic) with a receiving coupling (12) for reception of a connection region of the boring rod, at least one locking device (14) with a locking element (16), which is supported between a release position and a locking position, and in which the locking element (16) engages with a corresponding recess in the connection region. An independent claim is included for a boring unit.

IPC 8 full level  
**E21B 17/03** (2006.01)

CPC (source: EP US)  
**E21B 17/03** (2013.01 - EP US)

Cited by  
DE102019134109A1; GB2549885A; GB2549885B; EP2503092A1; ITTO20110248A1; WO2016109149A1; EP2390458A1; DE102019134109B4; US9556698B2; US11643880B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1860275 A1 20071128; EP 1860275 B1 20080611**; AT E398227 T1 20080715; CA 2582125 A1 20071026; CN 101063403 A 20071031; CN 101063403 B 20111005; DE 502006000913 D1 20080724; ES 2307248 T3 20081116; JP 2007291848 A 20071108; JP 4657241 B2 20110323; PT 1860275 E 20080909; RU 2007114756 A 20081027; RU 2370618 C2 20091020; SG 136880 A1 20071129; US 2007277988 A1 20071206

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