

Title (en)

BACKUP CUTTING ELEMENTS ON NON-CONCENTRIC REAMING TOOLS

Title (de)

ERSATZSCHNEIDELEMENTE AUF NICHT KONZENTRISCHEN REIBWERKZEUGEN

Title (fr)

ÉLÉMENTS DE COUPE DE RÉSERVE OU OUTILS D'ALÉSAGE NON CONCENTRIQUES

Publication

**EP 2452035 A2 20120516 (EN)**

Application

**EP 10797731 A 20100706**

Priority

- US 2010041084 W 20100706
- US 49851609 A 20090707

Abstract (en)

[origin: US2011005841A1] An apparatus for reaming or enlarging a borehole comprising a bi-center drill bit having backup cutters thereon.

IPC 8 full level

**E21B 10/26** (2006.01); **E21B 10/43** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

**US 2011005841 A1 20110113**; BR 112012000466 A2 20160216; EP 2452035 A2 20120516; EP 2452035 A4 20150826;  
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