

Title (en)

DRILL BIT WITH HYDRAULICALLY ADJUSTABLE AXIAL PAD FOR CONTROLLING TORSIONAL FLUCTUATIONS

Title (de)

BOHRMEISSEL MIT HYDRAULISCH EINSTELLBAREM AXIALKISSEN ZUR STEUERUNG VON TORSIONALEN SCHWANKUNGEN

Title (fr)

TRÉPAN COMPORTANT UN TAMPON AXIAL À RÉGLAGE HYDRAULIQUE POUR COMMANDER LES FLUCTUATIONS DE TORSION

Publication

**EP 2859172 A1 20150415 (EN)**

Application

**EP 13804590 A 20130606**

Priority

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- US 2013044487 W 20130606

Abstract (en)

[origin: WO2013188206A1] In one aspect, a drill bit is disclosed that, in one configuration, includes one or more cutters on a surface thereon configured to penetrate into a formation, at least one pad at the surface, an actuation device configured to supply a fluid under pressure to the pad to extend the pad from the surface, and a relief device configured to drain fluid supplied to the pad to reduce the pressure on the at least one pad when the force applied on the at least one pad exceeds a selected limit.

IPC 8 full level

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Cited by

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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