

Title (en)

CUTTING ELEMENT FOR USE IN A DRILL BIT FOR DRILLING SUBTERRANEAN FORMATIONS

Title (de)

SCHNEIDELEMENT ZUR VERWENDUNG IN EINEM BOHRMEISSEL ZUR BOHRUNG UNTERIRDISCHER FORMATIONEN

Title (fr)

ÉLÉMENT DE COUPE DESTINÉ À ÊTRE UTILISÉ DANS UN TRÉPAN POUR LE FORAGE DE FORMATIONS SOUTERRAINES

Publication

**EP 2430279 A2 20120321 (EN)**

Application

**EP 10775271 A 20100504**

Priority

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- US 46544109 A 20090513

Abstract (en)

[origin: US2010288564A1] A cutting element for use in a drill bit for drilling subterranean formations including a substrate having a body including an upper surface extending transversely to a longitudinal axis of the body, a superabrasive layer overlying the upper surface of the substrate, wherein the superabrasive layer includes an annular shape having a central opening defined by an inner surface. The cutting element further includes an abrasive insert overlying the upper surface of the substrate and disposed within the central opening of the superabrasive layer, wherein the abrasive insert has an upper surface having a surface roughness (Ra) of greater than about 1 micron.

IPC 8 full level

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