

Title (en)
DRILL BIT FLUSHING HOLE DESIGN

Title (de)
BOHRLOCH-SPÜLLOCHENTWURF

Title (fr)
CONCEPTION D'ORIFICES DE RINÇAGE DE TRÉPAN

Publication
EP 4239160 A1 20230906 (EN)

Application
EP 22160153 A 20220304

Priority
EP 22160153 A 20220304

Abstract (en)
A rock drill bit for percussive drilling comprising a bit head; a shank; a central flushing channel; at least one flushing port for delivering flushing media to the face of the bit head via a flushing hole; wherein at least one of the flushing port(s) has at least one indentation in its peripheral wall and wherein there is an identification marker positioned in the indentation.

IPC 8 full level
E21B 10/38 (2006.01)

CPC (source: EP)
E21B 10/38 (2013.01)

Citation (search report)
• [A] EP 2902583 A1 20150805 - SANDVIK INTELLECTUAL PROPERTY [SE]
• [A] WO 2021162611 A1 20210819 - EPIROC DRILLING TOOLS AB [SE]
• [A] WO 2011112137 A1 20110915 - SANDVIK INTELLECTUAL PROPERTY, et al
• [A] US 10920500 B1 20210216 - DUNBAR BRADLEY DAVID [US]
• [A] AU 2016221942 B2 20200723 - SANDVIK INTELLECTUAL PROPERTY [SE]

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

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