

Title (en)
DRILL BIT

Title (de)
BOHRMEISSEL

Title (fr)
TRÉPAN

Publication
EP 3505717 A1 20190703 (EN)

Application
EP 18214476 A 20181220

Priority
FI 20176174 A 20171227

Abstract (en)
A drill bit (1) comprises a body (2) of the drill bit (1) and at a distance from a face of the drill bit (1), reamer blade wings (21) moving outwards from a side (6) of the body (2) of the drill bit (1). When the drill bit (1) is rotated in the intended drilling direction, the reamer blade wings (21) are adapted to move outwards from the side (6) of the body (2) of the drill bit (1), extending outside the largest outer diameter of the body (2) of the drill bit (1) to enlarge the hole being drilled. When the drill bit (1) is rotated in the opposite direction, the reamer blade wings (21) are adapted to return inside the largest outer diameter of the body (2) of the drill bit (1) for pulling the drill bit (1) out of the hole being drilled.

IPC 8 full level
E21B 10/32 (2006.01)

CPC (source: CN EP FI US)
E21B 7/208 (2013.01 - FI); **E21B 10/32** (2013.01 - CN EP FI US); **E21B 10/327** (2013.01 - FI); **E21B 10/40** (2013.01 - FI);
E21B 10/42 (2013.01 - CN); **E21B 10/60** (2013.01 - CN); **E21B 10/66** (2013.01 - FI)

Citation (search report)
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CN111206884A; WO2023110450A1

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

DOCDB simple family (publication)
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