

Title (en)
DRILLING TOOL

Title (de)
BOHRWERKZEUG

Title (fr)
OUTIL DE FORAGE

Publication
EP 0824626 B1 20000112 (DE)

Application
EP 96914085 A 19960508

Priority
• DE 9600868 W 19960508
• DE 19516270 A 19950509

Abstract (en)
[origin: WO9635856A1] Described is a drilling tool with a head whose end faces the direction of advance and has a main cutting face which forms a drilling point lying in the axis of the drill and slopes back on each side essentially in the shape of a roof, the main cutting face also having chip-removal grooves. The tool is characterized in that the main cutting face has a primary cutting edge, which extends radially along at least one side of the main cutting face, and a secondary cutting edge which extends radially along essentially the remaining length of the main cutting face and is set back longitudinally, in the direction opposite to the direction of advance with respect to the primary cutting edge by at least the distance in millimeters which the drill advances per rotation.

IPC 1-7
E21B 10/58

IPC 8 full level
E21B 10/58 (2006.01)

CPC (source: EP US)
E21B 10/58 (2013.01 - EP US); **Y10T 408/905** (2015.01 - EP US); **Y10T 408/909** (2015.01 - EP US); **Y10T 408/9097** (2015.01 - EP US)

Cited by
EP0943779A3; US7258180B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9635856 A1 19961114; AT E188760 T1 20000115; DE 19516270 C1 19970130; DE 59604177 D1 20000217; DK 0824626 T3 20000529; EP 0824626 A1 19980225; EP 0824626 B1 20000112; US 6032750 A 20000307

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DE 9600868 W 19960508; AT 96914085 T 19960508; DE 19516270 A 19950509; DE 59604177 T 19960508; DK 96914085 T 19960508; EP 96914085 A 19960508; US 94567798 A 19980204