

Title (en)
Drilling tool

Title (de)
Bohrwerkzeug

Title (fr)
Outil de forage

Publication
EP 1083293 B1 20051102 (DE)

Application
EP 00810739 A 20000821

Priority
DE 19942986 A 19990909

Abstract (en)
[origin: EP1083293A1] The drilling tool has a shaft (2) with a drill head (4) with at least two cutters (5) of hard metal. The cutters project radially from the edge of the drill head and have dust grooves (7) at least partly between them, which open into at least one spiral conveying groove (3) along the shaft. The bore head has an expanded peripheral contour (8) at least in the area of two of the cutters, which projects radially over the edge (9) of the shaft.

IPC 1-7
E21B 10/44

IPC 8 full level
B23B 51/00 (2006.01); **B28D 1/14** (2006.01); **E21B 10/40** (2006.01); **E21B 10/44** (2006.01); **E21B 10/58** (2006.01)

CPC (source: EP US)
E21B 10/40 (2013.01 - EP US); **E21B 10/445** (2013.01 - EP US); **E21B 10/58** (2013.01 - EP US)

Cited by
EP4375476A1; WO2024110190A1

Designated contracting state (EPC)
CH DE FR GB LI NL

DOCDB simple family (publication)
EP 1083293 A1 20010314; EP 1083293 B1 20051102; CN 1156641 C 20040707; CN 1287898 A 20010321; DE 19942986 A1 20010315; DE 50011494 D1 20051208; JP 2001121331 A 20010508; US 6405813 B1 20020618; ZA 200004375 B 20010228

DOCDB simple family (application)
EP 00810739 A 20000821; CN 00126325 A 20000904; DE 19942986 A 19990909; DE 50011494 T 20000821; JP 2000275250 A 20000911; US 65890000 A 20000911; ZA 200004375 A 20000824