

Title (en)

ROTATABLE CUTTING BIT ASSEMBLY WITH CUTTING INSERTS

Title (de)

ROTIERENDER BOHRMEISSEL MIT SCHNEIDELEMENTEN

Title (fr)

ENSEMBLE TREPAN TRANCHANT ROTATIF AVEC ELEMENTS RAPPORTES TRANCHANTS

Publication

**EP 0996809 A2 20000503 (EN)**

Application

**EP 98934415 A 19980710**

Priority

- US 9814358 W 19980710
- US 89305997 A 19970715
- US 10818198 A 19980701

Abstract (en)

[origin: WO9904128A2] A rotatable cutting bit which comprises an elongate bit body which has a forward end and a rearward end and which defines a peripheral surface. The bit body contains a first seat at the axially forward end thereof. A first cutting insert is mechanically retained in the seat so as to present a clearance cutting edge which radially extends past the peripheral surface of the bit body. The first cutting insert has a leading cutting edge disposed at a lead angle between 50 degrees and 80 degrees.

IPC 1-7

**E21B 10/62**; **E21B 10/54**; **E21B 10/58**; **E21B 10/46**

IPC 8 full level

**E21B 10/56** (2006.01); **E21B 10/567** (2006.01); **E21B 10/60** (2006.01)

CPC (source: EP US)

**E21B 10/56** (2013.01 - EP); **E21B 10/5673** (2013.01 - EP US); **E21B 10/60** (2013.01 - EP)

Citation (search report)

See references of WO 9904128A2

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**WO 9904128 A2 19990128**; **WO 9904128 A3 19990408**; AU 740125 B2 20011101; AU 8393798 A 19990210; CA 2293276 A1 19990128; EP 0996809 A2 20000503; PL 337811 A1 20000911

DOCDB simple family (application)

**US 9814358 W 19980710**; AU 8393798 A 19980710; CA 2293276 A 19980710; EP 98934415 A 19980710; PL 33781198 A 19980710