

Title (en)

Tool, in particular for a tunnel boring machine

Title (de)

Werkzeug, insbesondere für Tunnelbohrmaschinen

Title (fr)

Outil, en particulier pour une machine de forage de tunnels

Publication

EP 1754855 B1 20130123 (DE)

Application

EP 06017238 A 20060818

Priority

DE 102005039036 A 20050818

Abstract (en)

[origin: DE102005039036B3] The tunnel boring cutter has a mounting body (1) and a cutting ring positioned peripherally of the mounting body. The cutting ring (2) is made of a steel matrix having hard metal inclusions (4). The inclusions can constitute wolfram carbide at seventy percent and a binder. The ring can have successive ring segments.

IPC 8 full level

E21B 10/46 (2006.01); **E21B 10/12** (2006.01); **E21C 25/18** (2006.01)

CPC (source: EP)

E21B 10/12 (2013.01); **E21B 10/46** (2013.01); **E21C 25/18** (2013.01)

Citation (examination)

DE 2630932 A1 19780112 - KRUPP GMBH

Cited by

AT13797U1; WO2014165887A3

Designated contracting state (EPC)

AT CH DE ES FR LI

DOCDB simple family (publication)

DE 102005039036 B3 20061116; **DE 102005039036 C5 20090122**; EP 1754855 A1 20070221; EP 1754855 B1 20130123

DOCDB simple family (application)

DE 102005039036 A 20050818; EP 06017238 A 20060818