

Title (en)  
Drill bit

Title (de)  
Bohrmeissel

Title (fr)  
Outil de forage

Publication  
**EP 0512330 B1 19960918 (DE)**

Application  
**EP 92106952 A 19920423**

Priority  
SU 4928471 A 19910506

Abstract (en)  
[origin: EP0512330A1] The drill bit according to the invention contains a body (1) to which rock-destroying members - rollers (2) - are fastened. A unit for generating hydrodynamic waves is arranged in the body (1). The unit is designed in the form of a swirl chamber (3) with tangentially arranged inlet passages (4) and with a conically tapering outlet passage (5), the end face of which is rounded off radially. <IMAGE>

IPC 1-7  
**E21B 10/18**; **E21B 10/60**

IPC 8 full level  
**E21B 7/18** (2006.01); **E21B 7/24** (2006.01); **E21B 10/18** (2006.01); **E21B 10/60** (2006.01)

CPC (source: EP US)  
**E21B 7/18** (2013.01 - EP US); **E21B 7/24** (2013.01 - EP US); **E21B 10/18** (2013.01 - EP US)

Cited by  
NL9302146A

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DE GB IT

DOCDB simple family (publication)  
**EP 0512330 A1 19921111**; **EP 0512330 B1 19960918**; CA 2068005 A1 19921107; CA 2068005 C 19980825; DE 59207153 D1 19961024; JP 2610749 B2 19970514; JP H06257367 A 19940913; US 5303784 A 19940419

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**EP 92106952 A 19920423**; CA 2068005 A 19920505; DE 59207153 T 19920423; JP 11381592 A 19920506; US 87847492 A 19920505