

Title (en)  
Drill tip

Title (de)  
Bohrspitze

Title (fr)  
Pointe de forage

Publication  
**EP 0990766 A3 20001004 (DE)**

Application  
**EP 99103252 A 19990219**

Priority  
DE 19844820 A 19980930

Abstract (en)  
[origin: EP0990766A2] At least one cutting profile is formed as a guide profile (4,5) in such a way that on rotation around the drill axis (6) it opens out a space (10) limited against the bore hole wall (8) between the area of the at least one flushing medium outlet (3) and the drill point end (7). On rotation, the flushing medium coming from the at least one outlet is guided radially to the bore hole wall and a radially outwardly directed movement force is exerted on the material in the area of the limited space (10).

IPC 1-7  
**E21B 10/60**; **E21B 10/42**

IPC 8 full level  
**E21B 10/42** (2006.01); **E21B 10/60** (2006.01)

CPC (source: EP US)  
**E21B 10/60** (2013.01 - EP); **E21B 10/602** (2013.01 - EP US)

Citation (search report)

- [X] GB 1466700 A 19770309 - PADLEY & VENABLES LTD
- [X] US 5799740 A 19980901 - STEPHENSON BRENT G [US], et al
- [X] EP 0189024 A1 19860730 - VER EDELSTAHLWERKE AG [AT]
- [X] US 1786415 A 19301223 - KENNEDYE CHARLES B
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CN114032896A

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

DOCDB simple family (publication)  
**EP 0990766 A2 20000405**; **EP 0990766 A3 20001004**; **EP 0990766 B1 20040901**; AT E275235 T1 20040915; DE 19844820 A1 20000413; DE 59910381 D1 20041007

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