

Title (en)  
NOZZLE FOR JET DRILLING AND ASSOCIATED METHOD

Title (de)  
DÜSE ZUM STRAHLBOHREN UND ZUGEHÖRIGES VERFAHREN

Title (fr)  
BUSE DE FORAGE AU JET ET METHODE ASSOCIEE

Publication  
**EP 1499789 A2 20050126 (EN)**

Application  
**EP 03746666 A 20030409**

Priority  
• US 0310813 W 20030409  
• US 11979002 A 20020410

Abstract (en)  
[origin: CA2480249A1] A jet nozzle (60) is provided for drilling holes through the earth. The nozzle (60) may include orifices (68) for discharging fluid to drive the nozzle forward and includes a disk (70) or other device having orifices (80) to produce a swirling motion to fluid in the body of the nozzle. Swirling fluid is discharged from a front orifice (74) and an extension (76) is placed forward of the front orifice to confine the swirling fluid in a radial direction.

IPC 1-7  
**E21B 7/18**

IPC 8 full level  
**E21B 7/18** (2006.01); **B05B 1/34** (2006.01); **E21B 7/08** (2006.01)

CPC (source: EP)  
**B05B 1/3447** (2013.01); **E21B 7/18** (2013.01)

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DOCDB simple family (publication)  
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