

Title (en)
ROCK AND GRAVEL DRILLING METHOD AND ROCK-DRILL THEREFOR

Publication
EP 0141117 B2 19930922 (DE)

Application
EP 84110110 A 19840824

Priority
CH 476683 A 19830831

Abstract (en)
[origin: EP0141117A1] 1. Method of drilling in rock or gravel soils, in which the drillings are conveyed outwards out of the drilled hole along a directed drilling column by means of compressed air exiting from the drill during drilling against the drill advance direction, characterized in that the exiting compressed-air jet, without any substantial effect resulting from the wall of the drilled hole, forms, in the immediate vicinity of the exit opening(s) (18) leading out of the drill, a self-contained compressed-air jet annular in cross-section and directed substantially axially upwards.

IPC 1-7
B23Q 11/10; **E21C 7/00**; **E21B 17/00**

IPC 8 full level
B23Q 11/00 (2006.01); **B23Q 11/10** (2006.01); **E21B 17/18** (2006.01); **E21B 21/16** (2006.01)

CPC (source: EP)
E21B 21/16 (2013.01)

Cited by
CN110919544A; EP1149979A1; US6540034B1; US8277645B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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