

Title (en)
METHOD AND DEVICE FOR BORING HOLES IN THE FLOOR OR IN ROCK

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BOHREN VON LÖCHERN IN BODEN- ODER GESTEINSMATERIAL

Title (fr)
PROCEDE ET DISPOSITIF POUR FAIRE DES TROUS DANS LE SOL OU DANS DE LA PIERRE

Publication
EP 1354121 A1 20031022 (DE)

Application
EP 02707989 A 20020125

Priority
• AT 0200030 W 20020125
• AT 572001 U 20010125

Abstract (en)
[origin: WO02059448A1] The invention relates to a method and a device for boring holes (2) in the floor or in rock. A bore hole (2) is formed by a striking movement and/or a rotational movement by means of a bore-crown (3) positioned on a boring rod and divided in the radial direction into a central pilot bore-crown (4) and a ring bore-crown (5) surrounding said pilot bore-crown (4), a jacket tube or a cladding tube (11) being introduced into the bore hole (2). According to the invention, after completing the boring, the ring bore-crown (5) is connected to the end (18) of the cladding tube (11) facing the bore-crown and is released from the central pilot bore-crown (4) of the bore-crown, and said pilot bore-crown (4) is removed from the bore hole (2).

IPC 1-7
E21B 7/20; E21B 10/64

IPC 8 full level
E21B 7/20 (2006.01); **E21B 10/64** (2006.01)

CPC (source: EP)
E21B 7/20 (2013.01); **E21B 10/64** (2013.01); **E21B 17/042** (2013.01)

Citation (search report)
See references of WO 02059448A1

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

Designated extension state (EPC)
SI

DOCDB simple family (publication)
WO 02059448 A1 20020801; AT 5482 U1 20020725; CZ 20031971 A3 20031112; EP 1354121 A1 20031022; HR P20030591 A2 20040831

DOCDB simple family (application)
AT 0200030 W 20020125; AT 572001 U 20010125; CZ 20031971 A 20020125; EP 02707989 A 20020125; HR P20030591 A 20030721