

Title (en)  
METHOD OF ROCK DRILLING

Title (de)  
GESTEINSBOHRVERFAHREN

Title (fr)  
PROCEDE DE FORAGE DE ROCHES

Publication  
**EP 1446554 A1 20040818 (EN)**

Application  
**EP 02783930 A 20021107**

Priority  
• SE 0202028 W 20021107  
• SE 0103880 A 20011122

Abstract (en)  
[origin: WO03044319A1] Method of rock drilling comprising forward feeding of a rock drilling machine (3) toward a rock (33), drilling a short distance in the rock with reduced values on impact pressure (38) and feed pressure (36) and after that transition to full impact pressure and feed pressure with which a bore hole is finished, whereby the pressure in a recoil damper (21) at the rock drilling machine (3) is read and stored in a memory (44), that the rock drilling machine (3) is fed toward the rock (33) with rotation and impact device inactive until a rock drilling tool (2) connected to the rock drilling machine reaches the rock, that the feeding toward the rock is interrupted when the pressure (35) in the recoil damper (21) exceeds the value stored in the memory (44) with a predetermined amount and that the bore hole after that is drilled.

IPC 1-7  
**E21B 44/00**

IPC 8 full level  
**E21B 44/00** (2006.01)

CPC (source: EP)  
**E21B 44/00** (2013.01)

Citation (search report)  
See references of WO 03044319A1

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

DOCDB simple family (publication)  
**WO 03044319 A1 20030530**; AT E343707 T1 20061115; AU 2002347731 A1 20030610; AU 2002347731 B2 20061102; CA 2467818 A1 20030530; CA 2467818 C 20100427; DE 60215689 D1 20061207; DE 60215689 T2 20070510; EP 1446554 A1 20040818; EP 1446554 B1 20061025; ES 2275013 T3 20070601; PT 1446554 E 20070228; SE 0103880 D0 20011122; SE 0103880 L 20030523; SE 520421 C2 20030708; ZA 200403670 B 20050727

DOCDB simple family (application)  
**SE 0202028 W 20021107**; AT 02783930 T 20021107; AU 2002347731 A 20021107; CA 2467818 A 20021107; DE 60215689 T 20021107; EP 02783930 A 20021107; ES 02783930 T 20021107; PT 02783930 T 20021107; SE 0103880 A 20011122; ZA 200403670 A 20040513