

Title (en)

A ROCK DRILLING APPARATUS AND A METHOD OF OPTIMIZING PERCUSSION ROCK DRILLING

Publication

**EP 0112810 A3 19850828 (EN)**

Application

**EP 83850339 A 19831219**

Priority

SE 8207405 A 19821227

Abstract (en)

[origin: EP0112810A2] The impact velocity and impact frequency of the hammer piston of a percussion rock drill are varied in incremental steps in order to find the maximum penetration rate. The frequency and impact velocity are so varied that the impact power is kept substantially constant all the time. A micro-computer is used to control the process.

IPC 1-7

**B25D 9/26**; **E21C 5/16**

IPC 8 full level

**B25D 9/12** (2006.01); **B25D 9/26** (2006.01); **B25D 17/10** (2006.01); **B25D 17/24** (2006.01); **E21B 19/08** (2006.01); **E21B 19/086** (2006.01); **E21B 44/02** (2006.01); **E21B 45/00** (2006.01)

CPC (source: EP)

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Citation (search report)

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