

Title (en)

Rock breaking method and tool.

Title (de)

Verfahren und Werkzeug zur Gesteinszertrümmerung.

Title (fr)

Méthode et outil pour briser des roches.

Publication

EP 0248610 A1 19871209 (EN)

Application

EP 87304794 A 19870529

Priority

- ZA 862724 A 19860531
- ZA 866991 A 19860915

Abstract (en)

A method of breaking rock and a rock breaking tool for use therein in which a hole (8) is drilled in the rock, and substantially filled with water, and a barrel (1) of a rock breaking tool is inserted into the hole, the tool being operable to discharge a cartridge from a firing chamber (4) down the barrel, and discharging the cartridge down the barrel to cause an impulsive energy shock in the water to break up the rock, the barrel being short so as to be inserted in the entrance portion only of the hole and a blast absorbing mat is located over the tool to retain it substantially in position in the hole during discharge of the cartridge.

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E21C 37/12

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [Y] CA 1019202 A 19771018 - ROBERTSON THOMAS A, et al
- [A] GB 1408541 A 19751001 - UK OTDEL V G P IZYSKATEL

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WO2008092282A1; WO9740256A1

Designated contracting state (EPC)

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