

Title (en)
Rock breaking or crushing device.

Title (de)
Gerät zum Brechen von Gestein.

Title (fr)
Appareil pour briser des roches.

Publication
EP 0225415 A1 19870616 (EN)

Application
EP 85308974 A 19851210

Priority
EP 85308974 A 19851210

Abstract (en)
A rock breaking device is designed to crush rocks by the use of expansion pressure generated when a cylindrical elastic expansive member (1) is expanded by pressure fluid delivered to looped pockets (3) provided within the elastic member (1). The elastic member (1), made of rubber or the like, is arranged to fit tightly around a metal shaft (4) having a fluid passage (6) for delivering pressure fluid to the looped pockets (3) of the elastic member (1). Elastic rings (10) are interposed between the ends of member (1) and axially fixed abutments (12), and are of harder material than the member (1).

IPC 1-7
E21C 37/10

IPC 8 full level
E21C 37/10 (2006.01)

CPC (source: EP)
E21C 37/10 (2013.01)

Citation (search report)

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