

Title (en)

Method to dig out stone blocks and apparatus to carry out said method

Title (de)

Abgrabverfahren von Steinblöcken und Anordnung zum Ausführen des Verfahrens

Title (fr)

Procédé d'excavation de blocs de pierre et dispositif de mise en oeuvre du procédé

Publication

EP 0619416 B1 19980527 (EN)

Application

EP 94105189 A 19940331

Priority

IT MI930683 A 19930406

Abstract (en)

[origin: EP0619416A1] Method and apparatus for extracting blocks of stone material by means of tubular expansion devices operated at high fluid pressures. The devices are introduced at ambient pressure into cylindrical bores formed in the material to be excavated, in the region of the desired parting planes of the block from the rock. The pressure is then increased up to 100-500 bar so as to obtain parting of the block. Each expansion device consists of a tube of plastic material with a high modulus of elasticity provided at its opposite ends with metal sealing members which are axially bored and connected to one another by a metal rod housed inside the tube. <IMAGE>

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CPC (source: EP)

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