

Title (en)

Multiple mill cutter for hollowing blocks of stone or similar material

Title (de)

Mehrfachfräswerkzeug zum Aushöhlen von Steinböcken

Title (fr)

Outil de fraisage multiple permettant de réaliser des évidements à l'intérieur de blocs de matières pierreuses

Publication

**EP 1046485 A3 20010822 (EN)**

Application

**EP 99500070 A 19990503**

Priority

ES 9901015 U 19990421

Abstract (en)

[origin: EP1046485A2] Perfected multiple mill cutter composed of four concentric mill cutters (3), (4), (5) and (6), attached to an axle, joined to a motor, configuring the mill cutter a spherical or semispherical body obtained from the stone block by the four mill cutters. <IMAGE>  
[origin: EP1046485A2] A mill cutter comprises four concentric steel mill cutters (3,4,5,6) attached to an axle (2) with an external helicoid-threaded extension, joined to a motor (6). The cutters each have a semi-sphere body and include cylindrical extensions, helicoid threaded on the inside with a diameter coinciding with the axle extension. This allows the cutter to be attached with several rectangular diamond bits (5) on the edge of the half-spheres.

IPC 1-7

**B28D 1/18**; **B28D 1/30**

IPC 8 full level

**B28D 1/18** (2006.01); **B28D 1/30** (2006.01)

CPC (source: EP)

**B28D 1/18** (2013.01); **B28D 1/30** (2013.01)

Citation (search report)

- [Y] GB 254019 A 19260628 - JOHN WARREN NORMAN
- [Y] DE 433141 C 19260821 - WINTER & SOHN ERNST
- [A] FR 2630035 A1 19891020 - DREANO JOSEPH [FR]

Cited by

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Designated contracting state (EPC)

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**EP 1046485 A2 20001025**; **EP 1046485 A3 20010822**; ES 1043521 U 20000101; ES 1043521 Y 20000601

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