

Title (en)

Cutting machine to precut a gallery vault

Title (de)

Schrämmaschine zum Vorfräsen eines Gewölbestollens

Title (fr)

Machine de havage pour le prédécoupage de la voûte d'une galerie

Publication

**EP 0811751 B1 20030730 (FR)**

Application

**EP 97401167 A 19970528**

Priority

FR 9606798 A 19960603

Abstract (en)

[origin: EP0811751A1] The machine comprises a base (11) of a transfer trolley (12) which is mounted on a fixed guide (13). It is carried by a penetration trolley (14) which moves on this base. A cutting head (15) has an extension part (26) enabling displacement of the cutting head perpendicular to the displacement direction (D) of the penetration trolley. The head also has angulation components (27) enabling tipping of the head around its axis (A3) parallel to the displacement direction. The cutting head angulation components are positioned between the penetration trolley and the cutting head. The extension part comprises a runner (28), which is carried by the penetration trolley, and a slide (29) which engages the runner and carries the cutting head. It also has a control for displacement of the slide on the runner. The angulation components comprise jointly, an angulation shaft (32) rotating on the penetration trolley and carrying the runner and a control (33). A control (30) ensures displacement of the slide on the runner.

IPC 1-7

**E21D 9/10**

IPC 8 full level

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CPC (source: EP)

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**EP 0811751 A1 19971210; EP 0811751 B1 20030730**; CZ 168397 A3 19971217; CZ 288004 B6 20010314; FR 2749344 A1 19971205; FR 2749344 B1 19980904; HU 221290 B1 20020928; HU 9700984 D0 19970728; HU P9700984 A2 19971229; HU P9700984 A3 19980428; PT 811751 E 20031231; SK 283921 B6 20040504; SK 66597 A3 19980114

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