

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 0696673 A3 19970604 (FR)

Application

EP 95401868 A 19950809

Priority

FR 9409905 A 19940810

Abstract (en)

[origin: EP0696673A2] The machine has a fixed guide (17), which is in the form of a portico, and a carriage (18), which is fixed on this fixed guide, and carrying a cutting head (20). The carriage has a base (25) by which it is in direct drive with this fixed guide, and a superstructure (26) on which the cutting head is fixed. Between the base of the carriage and the superstructure, there is, on one part, extension members (35-38,38'-38") for allowing radial displacement of the cutting head w.r.t the fixed guide, and on the other part, angulation members (41-42,38'-38") for permitting a rocking of the cutting head around an axis (A3) parallel to the axis (A1) of the fixed guide.

IPC 1-7

E21D 9/10

IPC 8 full level

E21D 9/10 (2006.01)

CPC (source: EP)

E21D 9/1053 (2013.01)

Citation (search report)

- [A] EP 0282416 A1 19880914 - PERFOREX [FR]
- [A] EP 0394806 A1 19901031 - TREVI SPA [IT]
- [A] EP 0557805 A1 19930901 - TREVI SPA [IT]
- [DA] FR 2305583 A1 19761022 - PERFOREX [FR]

Cited by

EP0887512A3; EP0811751A1; FR2749344A1

Designated contracting state (EPC)

AT DE ES GB GR IT

DOCDB simple family (publication)

EP 0696673 A2 19960214; EP 0696673 A3 19970604; EP 0696673 B1 20001108; AT E197491 T1 20001111; DE 69519343 D1 20001214; DE 69519343 T2 20010523; ES 2153461 T3 20010301; FR 2723613 A1 19960216; FR 2723613 B1 19980320

DOCDB simple family (application)

EP 95401868 A 19950809; AT 95401868 T 19950809; DE 69519343 T 19950809; ES 95401868 T 19950809; FR 9409905 A 19940810