

Title (en)

Apparatus and method for enlarging the cross section of an underground structure

Title (de)

Einrichtung und Verfahren zum Vergrössern des Querschnitts eines Erdbauwerks

Title (fr)

Dispositif et procédé pour élargir la section transversale d'une structure souterraine

Publication

**EP 1013875 B1 20041201 (DE)**

Application

**EP 99890396 A 19991221**

Priority

AT 212398 A 19981221

Abstract (en)

[origin: EP1013875A2] The internal cross-section and inner contour of a ground structure, such as a channel, is processed and enlarged by the equipment involving a milling tool (9) fitted on a support (1) on a beam arm (7). The support has rollers (19) for movement into the cross-section being processed. The beam arm (7) is linked to the support cardanically around a horizontal pivot axis (6) and around a further pivot axis (8). The linkage point of the arm is adjustable as to height.

IPC 1-7

**E21B 7/28**; **E03F 3/06**

IPC 8 full level

**E03F 3/06** (2006.01); **E21B 7/28** (2006.01); **E21D 9/00** (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP KR)

**E03F 3/06** (2013.01 - KR); **E21D 9/01** (2016.01 - EP); **E21D 9/102** (2013.01 - EP)

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