

Title (en)
Milling device for slits and milling method.

Title (de)
Schlitzwandfräse und Fräsverfahren.

Title (fr)
Fraise pour voiles et procédé de fraisage.

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EP 0518298 A1 19921216 (DE)

Application
EP 92109767 A 19920610

Priority
DE 4119212 A 19910611

Abstract (en)
The invention relates to a trench cutter and enables trenches to be produced at any angle of inclination. For this purpose, lateral control elements (26, 28) are arranged on a vertically movable cutter frame (18). The control elements (26, 28) can be actuated in such a way that they project beyond the outer contour of the cutting frame (18). <IMAGE>

Abstract (de)
Die Erfindung betrifft eine Schlitzwandfräse und erlaubt die Herstellung von Schlitzwänden mit beliebigen Neigungswinkeln. Hierfür sind an einem vertikal verfahrbaren Fräsrahmens (18) seitliche Steuerelemente (26,28) angeordnet, die derart betätigbar sind, daß sie über die Außenkontur des Fräsrahmens (18) hinausragen. <IMAGE>

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CPC (source: EP KR)
E02F 3/205 (2013.01 - EP); **E02F 3/26** (2013.01 - EP); **E21C 25/00** (2013.01 - KR)

Citation (search report)
• [X] FR 2573475 A1 19860523 - SOLETANCHE [FR]
• [Y] WO 9007098 A1 19900628 - UNIVERSALE GRUNDBAU [AT], et al
• [X] FR 2578876 A1 19860919 - TONE BORING CO [JP]
• [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 025 (M-450)31. Januar 1986 & JP-A-60 181 420 (SHIMIZU KENSETSU KK) 17. September 1985

Cited by
EP1703023A1; JP2018526550A; EP1748110A3; US5836089A; FR2765257A1; EP0716190A1; EP0887474A3; EP1630297A1; DE102005017092B4; EP0725757A4; FR2771429A1; EP0791690A1; EP0919669A3; EP4063568A1; US7637038B2; WO2022200074A1; EP1640509B2

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