

Title (en)  
Slotting mill

Title (de)  
Schlitzfräse

Title (fr)  
Fraise par le creusage de tranchées

Publication  
**EP 0716190 B1 19991013 (DE)**

Application  
**EP 95117671 A 19951109**

Priority  
• DE 4443973 A 19941209  
• DE 19502324 A 19950126

Abstract (en)  
[origin: EP0716190A1] The appliance has a cutter (80) with frame (60), which carries a device to loosen the material on the advance face of the trench, resp. on the trench bottom. The device has at least one undercutting tool. The tool has a cutter arm (35) with a cutter head (47) rotating about the longitudinal centre axis (M) of the arm. The arm is pivoted by a piston/cylinder unit (46) about a horizontal pivot axis (S), which extends at right angles to the longitudinal direction of the trench. The cutter head carries one or more pref. five cutter rollers (53) on its end face.

IPC 1-7  
**E02F 3/22**; **E21B 10/34**; **E21C 25/18**; **E02D 17/13**; **E02F 3/18**

IPC 8 full level  
**E02D 17/13** (2006.01); **E02F 3/20** (2006.01); **E02F 3/22** (2006.01); **E02F 3/92** (2006.01); **E21B 7/00** (2006.01); **E21B 10/34** (2006.01)

CPC (source: EP)  
**E02D 17/13** (2013.01); **E02F 3/205** (2013.01); **E02F 3/22** (2013.01); **E02F 3/9212** (2013.01); **E02F 5/006** (2013.01); **E21B 7/001** (2013.01)

Cited by  
EP2251491A1; EP0921237A3; FR2891287A1; CN106677224A; DE29716938U1; DE19838513C2; CN106968281A; WO2007036670A1

Designated contracting state (EPC)  
DE FR IT NL

DOCDB simple family (publication)  
**EP 0716190 A1 19960612**; **EP 0716190 B1 19991013**; DE 29522060 U1 19990729

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