

Title (en)
CUTTING WHEEL APPARATUS FOR EXCAVATING CUT-OFF TRENCHES

Publication
EP 0167090 A3 19870616 (DE)

Application
EP 85107854 A 19850625

Priority
DE 3424999 A 19840706

Abstract (en)
[origin: US4694915A] A slotted wall milling cutter for producing a slotted wall in the ground has a drive motor fixed to the cutter frame and a gear means positioned between the drive motor and two cutting wheel gears and which is partly arranged in recesses of a bearing bracket. The cutting wheel gear is constructed as a multistage planetary gear. A particularly high torque is made available on the cutting wheels with this arrangement. In addition, the cutting wheels can be constructed with a very high effective cutting width compared with the total slot width.

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E02D 17/18; **E02F 3/24**; **E02F 5/08**

IPC 8 full level
E01C 23/09 (2006.01); **E02D 17/00** (2006.01); **E02D 17/13** (2006.01); **E02D 17/18** (2006.01); **E02F 3/20** (2006.01); **E02F 3/24** (2006.01); **E02F 3/92** (2006.01); **E02F 5/02** (2006.01); **E02F 5/08** (2006.01); **E02F 5/20** (2006.01); **E21B 4/16** (2006.01); **E21B 7/00** (2006.01)

CPC (source: EP US)
E02D 17/13 (2013.01 - EP US); **E02F 3/205** (2013.01 - EP US); **E02F 3/9237** (2013.01 - EP US); **E21B 4/16** (2013.01 - EP US); **E21B 7/001** (2013.01 - EP US)

Citation (search report)
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EP 0167090 A2 19860108; **EP 0167090 A3 19870616**; **EP 0167090 B1 19880831**; **EP 0167090 B2 19920219**; AT E36881 T1 19880915; DE 3424999 A1 19860116; DE 3424999 C2 19940113; DE 3564715 D1 19881006; JP H0699907 B2 19941207; JP S6136429 A 19860221; US 4694915 A 19870922

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