

Title (en)
Machine for grinding rollers.

Title (de)
Walzenschleifmaschine.

Title (fr)
Machine à meuler des rouleaux.

Publication
EP 0679472 A1 19951102 (DE)

Application
EP 95105553 A 19950412

Priority
DE 4414838 A 19940428

Abstract (en)
The grinding device has a guide (7) running parallel to the roller (16) to be ground. A grinding member (8) is mounted on this roller and is movable along it by a displacement drive (13). It is adjustable against the roller by an adjustment drive (5). For the guide a rotary drive (10) is provided, which sets the guide in rotary movement around its longitudinal axis. The grinding member is formed by a rotation symmetrical grinding unit and is non-rotatively connected to the guide. The guide is formed as a hollow shaft (7), and the grinding member works in conjunction with a driver (15), which extends through a slot in the hollow shaft. <IMAGE>

Abstract (de)
Es wird eine Schleifvorrichtung für Walzen (16) eines Walzgerüsts vorgeschlagen, die eine drehangetriebene geschlitzte Hohlwelle (7) aufweist, welche ein zylindrisches Schleifelement (8) haltert und über Anstellantriebe (5) gegen die zu schleifende Walze (16) anstellbar ist. Die axiale Verschiebung des Schleifelements (8) erfolgt über einen in der geschlitzten Hohlwelle (7) angeordneten Gewindespindel(11)/Gewindemutterantrieb, der über einen Mitnehmer (15) auf das Schleifelement (8) einwirkt. <IMAGE>

IPC 1-7
B24B 5/04; B24B 47/02

IPC 8 full level
B24B 47/12 (2006.01); **B24B 5/04** (2006.01); **B24B 5/37** (2006.01); **B24B 47/02** (2006.01)

CPC (source: EP US)
B24B 5/04 (2013.01 - EP US); **B24B 5/37** (2013.01 - EP US); **B24B 47/02** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE DE ES FR GB GR IT NL SE

DOCDB simple family (publication)
EP 0679472 A1 19951102; EP 0679472 B1 19980812; AT E169541 T1 19980815; CA 2147920 A1 19951029; CN 1077825 C 20020116; CN 1115708 A 19960131; DE 4414838 A1 19951102; DE 59503113 D1 19980917; ES 2121249 T3 19981116; FI 106541 B 20010228; FI 951952 A0 19950425; FI 951952 A 19951029; JP H0839402 A 19960213; KR 950031377 A 19951218; TW 311895 B 19970801; US 5830044 A 19981103

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