

Title (en)
Belt grinding machine

Title (de)
Bandschleifmaschine

Title (fr)
Ponçeuse à bande

Publication
EP 1629942 A3 20060607 (DE)

Application
EP 05017662 A 20050812

Priority
DE 102004041364 A 20040825

Abstract (en)
[origin: EP1629942A2] The belt grinding machine has a belt on two rollers (2, 6), of which one (2) is connected to a drive (4, 5), while the other (6) can be moved to exert a variable tension on the grinding belt. It can be pressed against the belt by a tensioning device (7), which has at least one guide device (12). This guide device has a flexible variable-length cylindrical jacket, and an air spring (11) connected via a rigid end plate to the tensioning roller.

IPC 8 full level
B24B 21/20 (2006.01); **B24B 21/04** (2006.01)

CPC (source: EP)
B24B 21/04 (2013.01); **B24B 21/20** (2013.01)

Citation (search report)

- [Y] US 4187645 A 19800212 - LIND FRED W [US]
- [Y] DE 1138658 B 19621025 - ERNST CARSTENS MASCHINENFABRIK
- [A] US 4021970 A 19770510 - PRZYGOCKI WITOLD C

Cited by
CN107309750A; CN115351670A; EP2210705A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1629942 A2 20060301; EP 1629942 A3 20060607; EP 1629942 B1 20090902; AT E441500 T1 20090915; DE 102004041364 A1 20060302; DE 502005008033 D1 20091015; ES 2330231 T3 20091207

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