

Title (en)
MACHINE FOR DEBURRING WORK PIECES

Publication
EP 0342315 A3 19910220 (DE)

Application
EP 89102873 A 19890220

Priority
DE 8806552 U 19880519

Abstract (en)
[origin: EP0342315A2] A machine (11) for deburring work pieces (12) is provided with a table (26) for clamping the work pieces and with at least one pair of disc-type brushes (20, 21) which are arranged side-by-side, have plastic bristles (75) having an abrasive layer, are rotationally driven in opposite directions about their parallel axis (18) and are held on a planetary head to perform a common rotational movement about a common centre axis, which common rotational movement is superimposed on these separate rotational movements. In order to slow down the heating of the plastic bristles (75) in a machine of this type, provision is made for the disc-type brushes (20, 21) to be connected to a coolant feed via their shank (28) and to be provided with an axially directed coolant-discharge opening (82) arranged around the rotational axis and close to the bristles (75).
<IMAGE>

IPC 1-7
B24D 13/16; **B24B 41/00**; **B24B 9/00**

IPC 8 full level
B24B 9/00 (2006.01); **B24B 41/00** (2006.01); **B24B 55/02** (2006.01); **B24D 13/16** (2006.01)

CPC (source: EP)
B24B 9/00 (2013.01); **B24B 41/002** (2013.01); **B24B 55/02** (2013.01)

Citation (search report)
• [A] FR 2584011 A1 19870102 - RENAULT [FR]
• [A] DE 1064915 B 19590910 - RICHARD HOLZHAEUSER
• [A] US 2733562 A 19560207
• [A] DE 3625144 C1 19870702 - SCHLEIFRING UND APPBAU GMBH, et al
• [A] FR 2245169 A5 19750418 - BOSCH GMBH ROBERT [DE]
• [A] EP 0237790 A1 19870923 - GEHRING GMBH MASCHF [DE]
• [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 35 (M-276)(1472) 15 Februar 1984, & JP-A-58 192753 (NITSUSHIN SEIKOU K.K.) 10 November 1983,

Cited by
EP1916058A1; CN105324214A; CN112108947A; CN108067963A; EP1797993A1; EP1400294A1; DE102010039137A1; EP0839608A1; US10159331B2

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