

Title (en)

DEVICE FOR SURFACE TREATMENT OF WORKPIECES GROWING BRITTLE AT LOW TEMPERATURES

Publication

EP 0171779 A3 19870513 (DE)

Application

EP 85110079 A 19850810

Priority

DE 3430529 A 19840818

Abstract (en)

[origin: US4637174A] Cold-embrittled parts are surface treated by an abrasive jet through the use of an arrangement which includes as a centrifuge wheel. The centrifuge wheel is self-priming and is connected to a granulate collecting tank via a suction pipe with a spray nozzle for low boiling liquefied gas being arranged in the inlet zone of the suction pipe. The resulting abrasive jet pattern is of the same shape and size as the treatment surface.

IPC 1-7

B24C 3/26

IPC 8 full level

B24C 1/00 (2006.01); **B24C 3/26** (2006.01)

CPC (source: EP US)

B24C 3/263 (2013.01 - EP US); **Y10S 241/37** (2013.01 - EP US)

Citation (search report)

- [AD] DE 2650202 A1 19780511 - MESSER GRIESHEIM GMBH
- [A] US 4030247 A 19770621 - GRUND PETER, et al
- [A] DE 2159838 B1 19730405
- [A] US 2131772 A 19381004 - TURNBULL DAVID C

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CN114274053A; EP0335089A3

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

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EP 0171779 A2 19860219; EP 0171779 A3 19870513; EP 0171779 B1 19890517; AT E43085 T1 19890615; DE 3430529 A1 19860227; JP S6161766 A 19860329; US 4637174 A 19870120

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