

Title (en)

METHOD FOR CLEANING WORK PIECES BY MEANS OF A VOLATILE SOLVENT

Publication

EP 0157090 A3 19861001 (DE)

Application

EP 85100612 A 19850122

Priority

DE 3412007 A 19840331

Abstract (en)

[origin: US4844743A] A method and system for cleaning workpieces with a liquid solvent in a treatment chamber which is connected into a drying gas circuit for the purpose of drying the workpieces. The drying gas circuit includes in series one after the other a ventilator, a condenser, a heating device and an adsorber containing activated carbon. The circuit is operated such that during a drying phase the condenser is cooled, the heating device switched on and the activated carbon regenerated by the hot circulating air whereupon, during an adsorption phase with the condenser switched on and the heating device switched off, the remaining solvent vapor is withdrawn from the circulating drying air by the activated carbon.

IPC 1-7

B08B 3/08; **C23G 5/04**

IPC 8 full level

B08B 3/08 (2006.01); **C23G 5/04** (2006.01)

CPC (source: EP US)

B08B 3/08 (2013.01 - EP US); **C23G 5/04** (2013.01 - EP US)

Citation (search report)

- [A] US 3144872 A 19640818 - KEARNEY THOMAS J
- [A] US 3079286 A 19630226 - KEARNEY THOMAS J, et al
- [A] GB 2092620 A 19820818 - AUTOSONICS INC
- [A] US 4101340 A 19780718 - RAND BURTON
- [A] GB 2084613 A 19820415 - IHRINGER ERNEST

Cited by

EP0381887A1; EP0778065A1; US5346534A; EP0302280A3; EP0289982A3; WO9317770A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0157090 A2 19851009; **EP 0157090 A3 19861001**; **EP 0157090 B1 19900124**; AT E49720 T1 19900215; DE 3412007 A1 19851010; DE 3412007 C2 19870226; DE 3575524 D1 19900301; US 4844743 A 19890704

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