Title (en)

METHOD FOR THE SOLVENT TREATMENT OF METALLIC OBJECTS IN PARTICULAR

Publication

EP 0087055 B1 19871216 (DE)

Application

EP 83101166 A 19830208

Priority

DE 3205736 A 19820218

Abstract (en)

[origin: EP0087055A1] 1. Method for cleaning batches of objects to be treated with a solvent harmful to the environment in a closable treatment chamber, with which the objects are fed into the treatment chamber, the chamber is closed and the objects to be treated are sprayed with the solvent, the solvent conveyed to the treatment chamber being collected again, characterized in that the objects to be treated are sprayed during a cleaning phase with pure solvent in an amount proportioned such that during the cleaning phase only the collected solvent is conveyable in the circuit by means of a pump, that the solvent is drawn off and regenerated and that after completion of the cleaning phase the objects to be treated are dried during a drying phase by means of warm air guided in a circuit containing the treatment chamber and at the same time freed at least partially of solvent vapors, and that after completion of the drying phase the treatment chamber is flushed with ambient air until the concentration of solvent in the treatment chamber is below the maximum workplace concentration before the treated objects are removed from the treatment chamber.

IPC 1-7

C23G 1/00; C23G 3/00; C23G 5/00; C23G 5/02; B08B 3/00; B08B 3/04

IPC 8 full level

B08B 3/00 (2006.01); **B08B 3/02** (2006.01); **B08B 3/04** (2006.01); **C23G 1/00** (2006.01); **C23G 3/00** (2006.01); **C23G 5/00** (2006.01); **C23G 5/02** (2006.01); **C23G 5/04** (2006.01)

CPC (source: EP)

B08B 3/02 (2013.01); **C23G 5/04** (2013.01)

Citation (examination)

- FR 2146633 A5 19730302 - HAJTOMU ES FELVONOGYAR
- US 3079286 A 19630226 - KEARNEY THOMAS J, et al
- DE 1172926 B 19640625 - WACKER CHEMIE GMBH

Cited by

DE3709672A1; FR2599642A1; EP0289982A3; EP0302313A1; EP0276876A1; DE19640060A1; DE19640060C2; WO8901057A1

Designated contracting state (EPC)

CH DE FR GB LI SE

DOCDB simple family (publication)

EP 0087055 A1 19830831; **EP 0087055 B1 19871216**; DE 3205736 A1 19830825; DE 3374949 D1 19880128; ES 519813 A0 19831116; ES 8400500 A1 19831116; IT 1163104 B 19870408; IT 8319590 A0 19830215; IT 8319590 A1 19840815

DOCDB simple family (application)

EP 83101166 A 19830208; DE 3205736 A 19820218; DE 3374949 T 19830208; ES 519813 A 19830215; IT 1959083 A 19830215