

Title (en)

Process and arrangement for the stainless removal of fluids adhering to surfaces of objects

Title (de)

Verfahren und Anordnung zum fleckenfreien Entfernen von an Oberflächen von Behandlungsgut anhaftender Flüssigkeit

Title (fr)

Procédé et arrangement pour l'enlèvement sans taches de fluides adhérent aux surfaces d'objets

Publication

**EP 0650022 B1 19981118 (DE)**

Application

**EP 94250239 A 19941006**

Priority

DE 4336085 A 19931022

Abstract (en)

[origin: EP0650022A1] Processes for the removal of fluid adhering to surfaces of objects to be treated by means of compressed-air jets emerging from orifices in air-jet devices and directed onto the objects to be treated are known. Processes of this type are used, for example, for removing electroplating fluid adhering to surfaces. The disadvantage of the known processes is that stainless drying is impossible or is possible only at a considerable outlay in terms of apparatus. A process and an arrangement, in which, for stainless drying, air-jet devices, from which the compressed-air jets emerge, are set in oscillating movement in at least one plane, are therefore described. As a result, the fluid on the surface of the object to be treated is essentially atomised and consequently removed rapidly from this. The remaining surface moisture can evaporate. Heated compressed air is used to assist the evaporation. <IMAGE>

IPC 1-7

**F26B 21/00**

IPC 8 full level

**F26B 21/00** (2006.01)

CPC (source: EP)

**F26B 21/004** (2013.01)

Cited by

EP1178273A1; EP1029210A4; US11413765B2; DE202017102694U1; WO9808040A1; WO2010057930A3

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0650022 A1 19950426; EP 0650022 B1 19981118**; AT E173537 T1 19981215; CN 1053272 C 20000607; CN 1118062 A 19960306; DE 4336085 A1 19950427; DE 59407301 D1 19981224

DOCDB simple family (application)

**EP 94250239 A 19941006**; AT 94250239 T 19941006; CN 94119676 A 19941022; DE 4336085 A 19931022; DE 59407301 T 19941006