

Title (en)

Automatic installation for cleaning workpieces

Title (de)

Automatisch arbeitende Reinigungsanlage für Werkstücke

Title (fr)

Installation automatique pour le nettoyage de pièces

Publication

EP 0829313 A3 19980624 (DE)

Application

EP 97115224 A 19970903

Priority

DE 19637086 A 19960912

Abstract (en)

[origin: EP0829313A2] The workpieces to be cleaned are transported in and out of a passage containing an air-jet nozzle aimed at them. The maximum pressure of the air supplied to the nozzle is 0.5 bar approximately. Steam is delivered into the air jet, and the contaminated condensate formed from the steam is separated from the used air. At the nozzle (16), the jet contains a maximum of 25g steam per cu. metre of air. Apart from an inlet and outlet port (12), which can preferably allow shutting off, the passage (10) can be enclosed on all sides. The passage, air compressor, nozzle and condensate-separator can form a closed circuit.

IPC 1-7

B08B 5/02; **B08B 3/02**

IPC 8 full level

B08B 3/02 (2006.01); **B08B 5/02** (2006.01)

CPC (source: EP US)

B08B 3/02 (2013.01 - EP US); **B08B 5/02** (2013.01 - EP US); **B08B 2230/01** (2013.01 - EP US)

Citation (search report)

- [YD] DE 4425765 A1 19960125 - DUERR GMBH & CO [DE]
- [Y] GB 2283906 A 19950524 - GERAGHTY JAMES FRANCIS [GB]
- [AD] DE 3419028 A1 19851121 - KESSLER & LUCH GMBH [DE]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0829313 A2 19980318; **EP 0829313 A3 19980624**; **EP 0829313 B1 20030514**; DE 19637086 A1 19980319; DE 19637086 C2 19990624; ES 2193306 T3 20031101; US 6119365 A 20000919

DOCDB simple family (application)

EP 97115224 A 19970903; DE 19637086 A 19960912; ES 97115224 T 19970903; US 92762097 A 19970911