

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 0775534 A3 19980624 (DE)**

Application  
**EP 96117395 A 19961030**

Priority  
DE 19544074 A 19951125

Abstract (en)  
[origin: EP0775534A2] The system comprises a cleaning station which has a passage (10) receiving workpieces (20). A transporter device (24) places the workpiece inside the passage where it is cleaned and then removes the cleaned workpiece from the passage. The passage has an outlet for used air. Air is directed through nozzles onto the workpiece in the passage. An air conveyor (38) is designed so that each nozzle (14) delivers a minimum of approximately 600 m<sup>3</sup>/h air at a maximum pressure of approximately 0.5 bar. A cleaning liquid delivery nozzle (50) provides between approximately 3 and 15 l/h of cleaning liquid to the air stream, downstream of the air supply. A separator (34) separates the used cleaning liquid from the used air.

IPC 1-7  
**B08B 3/02**; **B08B 5/02**

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)

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Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0775534 A2 19970528**; **EP 0775534 A3 19980624**; **EP 0775534 B1 20010110**; DE 19544074 A1 19970528; DE 19544074 C2 19990114; DE 59606306 D1 20010215; ES 2153068 T3 20010216; US 5730163 A 19980324

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