

Title (en)
AUTOMATIC DEVICE FOR CLEANSING WINDOW PANES

Title (de)
AUTOMATISCHE SCHEIBENREINIGUNGSANLAGE

Title (fr)
SYSTEME DE NETTOYAGE AUTOMATIQUE DE VITRES

Publication
EP 0946118 A1 19991006 (DE)

Application
EP 97953611 A 19971203

Priority
• DE 9702826 W 19971203
• DE 19651693 A 19961212

Abstract (en)
[origin: DE19651693A1] Disclosed is an automatic device for cleansing window panes, comprising a cleaning head consisting of at least one cleansing chamber, at least one suction chamber and at least one air supply chamber. The cleansing chamber is fed with clean water, possibly added with detergent, for cleansing window panes using either ultrasounds or rotating brushes or water steam. The water supply is effected through an air and water circuit to one of the above-mentioned chambers and designed so as to minimize water losses during the water supply process.

IPC 1-7
A47L 1/00

IPC 8 full level
A47L 1/02 (2006.01); **B08B 3/02** (2006.01)

CPC (source: EP US)
A47L 1/02 (2013.01 - EP US); **B08B 3/024** (2013.01 - EP US); **B08B 2203/0229** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
DE 19651693 A1 19980618; **DE 19651693 C2 19990930**; AU 5747698 A 19980703; CA 2272278 A1 19980618; EP 0946118 A1 19991006; US 6269517 B1 20010807; WO 9825506 A2 19980618; WO 9825506 A3 19980716

DOCDB simple family (application)
DE 19651693 A 19961212; AU 5747698 A 19971203; CA 2272278 A 19971203; DE 9702826 W 19971203; EP 97953611 A 19971203; US 31976599 A 19990729