

Title (en)
Cleaning apparatus

Title (de)
Reinigungsvorrichtung

Title (fr)
Appareil de nettoyage

Publication
EP 0852161 A2 19980708 (EN)

Application
EP 98300057 A 19980106

Priority
GB 9700171 A 19970107

Abstract (en)
With reference to Figure 1, solvent cleaning apparatus 1 comprises a sealable enclosure 2 containing a solvent fluid discharge nozzle (Figure 7) in the form of a trigger-operable discharge nozzle 130. The enclosure 2 is of electrically conductive plastics material and is provided with an earth 95 whereby a substantial build-up of static electricity does not take place. The enclosure 2 is provided with a substantially flat rectangular access door 4 of toughened glass pivotally mounted about a horizontal axis, provided with a pneumatic lock assembly comprising a piston 7 and cylinder 8. Located at the uppermost region of the door 4 is a light unit 10 providing, in use, additional illumination for the inside of the enclosure 2. The front panel 12 of the enclosure 2 is formed with two circular access glove ports 14, 16, used to operate the trigger of the discharge nozzle and to manipulate the article being cleaned. The solvent cleaning fluid is stored in a reservoir box 18 formed with an inlet port 20 and an outlet port 22. In use, the solvent fluid is drawn from the reservoir box 18, via a pick-up tube 32 by way of a diaphragm pump 34, to be transported to the enclosure 2 via a cartridge filter 36. Once the solvent liquid has been discharged through the discharge nozzle within the enclosure 2, it falls under gravity into a collection tray 40 to return to the reservoir box 18. <IMAGE>

IPC 1-7
B08B 3/00

IPC 8 full level
B08B 3/00 (2006.01)

CPC (source: EP)
B08B 3/006 (2013.01); **B08B 15/026** (2013.01)

Cited by
CN103658098A; EP1872874A1; CN107262449A; GB2554066A; GB2554066B; CN111644409A; US10888903B2; WO2008000566A1

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 0852161 A2 19980708; EP 0852161 A3 19981111; GB 9700171 D0 19970226

DOCDB simple family (application)
EP 98300057 A 19980106; GB 9700171 A 19970107