

Title (en)

Silk-screen printing machine with automatic suction device for the removal of ink residue

Title (de)

Siebdruckmaschine mit automatischer Saugvorrichtung zum Entfernen von Farbrückständen

Title (fr)

Machine à imprimer sérigraphique avec dispositif automatique à succion pour l'enlèvement de l'encre résiduelle

Publication

EP 0642923 B1 19990519 (EN)

Application

EP 94202586 A 19940908

Priority

IT MI931985 A 19930914

Abstract (en)

[origin: EP0642923A1] A machine for the silk-screen printing of flat sheets of glass or the like comprising a supporting structure (1) capable of moving parallel to the printing plane of a frame (3) and equipped with a spreading squeegee (8) and a printing doctor (7), both capable of moving in a direction perpendicular to the plane of frame (3) and independently of one another, comprising a device with automatic action for the removal of ink residue from such screen frame (3) and consisting of at least one suction unit (10) capable of moving in a perpendicular direction with respect to such screen frame (3) simultaneously with such spreading squeegee (8), suction nozzle (14) of such unit being connected to a suction header (15) and positioned between such doctor (7) and squeegee (8), according to the direction of travel thereof, so as to make possible the continuous suction of the ink residue and of any impurities liable to clog the screen during any spreading movement. <IMAGE>

IPC 1-7

B41F 35/00; **B41F 15/08**

IPC 8 full level

B41F 15/08 (2006.01); **B41F 35/00** (2006.01)

CPC (source: EP)

B41F 15/0818 (2013.01); **B41F 35/005** (2013.01); **B41P 2235/31** (2013.01)

Cited by

CN106079856A; CN112695347A; CN111942001A; EP0699526A1; EP0838979A1; US5976269A; CN110843323A; ES2156495A1; EP0901904A1; ITUD20090153A1; JP2021062518A; CN117549663A; JP2016196101A; US6186063B1

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