

Title (en)

Multi-purpose silk-screen printing unit for turntable machines for the multi-colour silk-screen printing of containers with curved surfaces

Title (de)

Mehrwecksiebdruckmaschineneinheit für Rundtischmaschinen für den Mehrfarbensiebdruck von Behältern mit gekrümmter Oberfläche

Title (fr)

Dispositif support à usage multiple pour les machines à plateau circulaire pour l'impression sérigraphique multicolore de récipients avec des surfaces courbes

Publication

EP 0943434 B1 20030528 (EN)

Application

EP 99200736 A 19990311

Priority

IT RE980028 A 19980317

Abstract (en)

[origin: EP0943434A1] A multi-purpose silk-screen printing unit for the multi-colour decoration of containers (4) having at least one cylindrical portion (40) and at least one coaxial frusto-conical portion (41), and being rotatably supported by a circumferential series of angularly equidistant radial mandrels (100) of a silk-screen printing machine of turntable type, this latter provided with stationary printing stations to which said containers are presented by said mandrels which at that moment are stationary, comprises at least one first screen (18) arranged to slide tangentially to the circumferential path followed by the mandrels and to apply a decoration (180) to said at least one cylindrical portion (40) of the container (4), and at least one second screen (21) arranged to slide parallel to said at least one first screen and to apply a decoration (210) to said at least one frusto-conical portion (41) of the container simultaneously with the application of the relative decoration by said at least one first screen, the travel strokes of which govern the travel strokes of said at least one second screen. <IMAGE>

IPC 1-7

B41F 15/08

IPC 8 full level

B41F 15/08 (2006.01)

CPC (source: EP)

B41F 15/0863 (2013.01); **B41F 15/0872** (2013.01)

Cited by

US8202537B2; US8999386B2; US9844545B2; US9844544B2

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 0943434 A1 19990922; **EP 0943434 B1 20030528**; AT E241465 T1 20030615; DE 69908222 D1 20030703; IT 1304271 B1 20010313; IT RE980028 A1 19990917

DOCDB simple family (application)

EP 99200736 A 19990311; AT 99200736 T 19990311; DE 69908222 T 19990311; IT RE980028 A 19980317