

Title (en)
SCREEN-PRINTING MACHINE

Publication
EP 0315817 B1 19930901 (DE)

Application
EP 88117630 A 19881022

Priority
DE 3738039 A 19871109

Abstract (en)
[origin: JPH01156065A] PURPOSE: To suppress deformation of a squeegee due to warping of a support by supporting the opposite ends of the support in a guide rail and securing a double action cylinder slidingly to the support. CONSTITUTION: A print cylinder 7 is formed as a double action pneumatic cylinder similarly to a print cylinder 7' and two pressure joint sleeves 29, 30 are coupled to the opposite sides of a piston 31. A frame 16 is guided to swivel about the axis of a pin 34 through driving of the cylinder 33 of a piston rod. Since the squeegee holder is secured not to a continuous supporting part but to a profile piece coupled with the frame 16, the cylinders 7, 7' can have a lightweight structure.

IPC 1-7
B41F 15/08; B41F 15/46

IPC 8 full level
B41F 15/40 (2006.01); **B41F 15/08** (2006.01); **B41F 15/46** (2006.01)

CPC (source: EP US)
B41F 15/0818 (2013.01 - EP US); **B41F 15/085** (2013.01 - EP US); **B41F 15/46** (2013.01 - EP US)

Cited by
US7503255B2; EP0730954A1; FR2731384A1; CN105034560A; US6715414B1; WO0073072A1

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

DOCDB simple family (publication)
EP 0315817 A2 19890517; EP 0315817 A3 19900718; EP 0315817 B1 19930901; AT E93771 T1 19930915; DE 3738039 A1 19890518; DE 3883709 D1 19931007; JP H01156065 A 19890619; US 4995316 A 19910226

DOCDB simple family (application)
EP 88117630 A 19881022; AT 88117630 T 19881022; DE 3738039 A 19871109; DE 3883709 T 19881022; JP 28149388 A 19881109; US 26897688 A 19881109