

Title (en)  
Screen printing machine.

Title (de)  
Siebdruckmaschine.

Title (fr)  
Machine de sérigraphie.

Publication  
**EP 0177391 A1 19860409 (FR)**

Application  
**EP 85401733 A 19850906**

Priority  
FR 8414227 A 19840911

Abstract (en)  
[origin: ES8701611A1] A screen printing machine comprises a support frame comprising vertical and horizontal members and having a rear side, a front side spaced horizontally forward therefrom, and a plurality of stanchions projecting upward between the front and rear sides and an auxiliary frame lying and horizontally movable on the stanchions and projecting forward past the front side of the support frame. A screen is clamped to the auxiliary frame so that the screen is cantilevered on and projects forward beyond the front side of the support frame and lies fully forward of the front side of the support frame. A platen disposed below the screen and forward of the front side of the support frame is pivotal on this support frame at its rear side about a pivot axis so that the platen projects wholly beyond the front side of the support frame and access to the platen and the screen is afforded on all sides thereof except for rear edges of the screen and the platen which are proximal to the support frame. A carriage displaceable along the auxiliary frame generally parallel to the axis defined by the pivot carries a scraping and lapping device overlying the screen and cantilevered from the carriage so as to be disposed wholly forward of the front side of the support frame above the screen and plate.

Abstract (fr)  
Machine de sérigraphie comportant un cadre d'impression ou écran (26) fixe par rapport au bâti de la machine, un plateau d'impression (3) monté pivotant par rapport à ce bâti de manière à s'ouvrir vers le bas et un dispositif de raclage et de nappage. Le cadre d'impression (26) et le plateau d'impression (3) sont montés en porte-à-faux par rapport au bâti, l'axe de pivotement (2) du plateau (3) étant disposé à l'arrière du bâti, du côté opposé au plateau.

IPC 1-7  
**B41F 15/08**

IPC 8 full level  
**B41F 15/08** (2006.01); **B65H 9/06** (2006.01)

CPC (source: EP US)  
**B41F 15/0818** (2013.01 - EP US); **B65H 9/06** (2013.01 - EP US)

Citation (search report)

- [X] US 2845858 A 19580805 - DENLEY SIDNEY W
- [X] FR 1089974 A 19550325
- [X] CH 460055 A 19680731 - FORSLUND CHARLES F [US]
- [Y] US 4404903 A 19830920 - CRONIN JOHN V [US]
- [Y] US 4246866 A 19810127 - HOPINGS DONALD B, et al
- [A] GB 2019319 A 19791031 - ROTADIX IND LTD
- [A] US 4349188 A 19820914 - YOUNG WILLIAM G
- [A] US 4268545 A 19810519 - HODULIK JOSEPH W

Cited by  
EP0578551A1; FR2693445A1; FR2693442A1

Designated contracting state (EPC)  
BE DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0177391 A1 19860409; EP 0177391 B1 19900627**; DE 3578404 D1 19900802; ES 546839 A0 19861201; ES 8701611 A1 19861201; FR 2570022 A1 19860314; FR 2570022 B1 19880923; US 4696228 A 19870929

DOCDB simple family (application)  
**EP 85401733 A 19850906**; DE 3578404 T 19850906; ES 546839 A 19850910; FR 8414227 A 19840911; US 77446385 A 19850910