

Title (en)
Silk screen printing machine.

Title (de)
Siebdruckmaschine.

Title (fr)
Machine à imprimer à l'écran de soie.

Publication
EP 0095987 A1 19831207 (FR)

Application
EP 83401118 A 19830602

Priority
FR 8209550 A 19820602

Abstract (en)
1. A screen-printing machine of the type which, to serve at least one printing station (17), comprises a conveyor (15) carrying at least one article-holder support (16) for supporting an article (10) to be printed, and, at said printing station (17), a screen (30) which is carried by a screen-holder carriage (31) mounted to reciprocate on a guide (32), a squeegee (33) which is carried by a squeegee-holder carriage (34) mounted to reciprocate on a guide (35) parallel to the former guide, and a block (68), for convenience hereinafter designated abutment block, which by abutting against the article (10) to be printed is able to control its angular orientation about a transverse axis relative to the guides (32, 35) of the screen-holder carriage (31) and of the squeegee-holder carriage (34), characterized in that said abutment block (68) is mounted for rotation on a lever (72) which, by engagement means (79) which are adjustable in position to vary the length of the lever, engages with an operating carriage (73) movably mounted on a guide (77) in synchronism with the squeegee-holder carriage (34).

Abstract (fr)
Il s'agit d'une machine du genre comportant, pour la desserte d'un poste d'impression 17 un convoyeur 15 comportant de place en place des supports 16 propres chacun au support d'un objet 10 à imprimer, et, audit poste d'impression, un écran 30 porté par un chariot 31, une raclette 33 portée par un chariot 34, et un bloc 68 susceptible, par appui sur l'objet 10 à imprimer, d'en contrôler l'orientation angulaire autour de son axe. Suivant l'invention, ledit bloc 68 est calé en rotation sur un levier 72 qui, par des moyens d'engagement réglables en position suivant sa longueur, engrène avec un chariot 73 monté mobile en synchronisme avec la raclette 33. Application, notamment, à l'impression d'objets de section transversale ovale portés par un convoyeur à avance continue.

IPC 1-7
B41F 15/08

IPC 8 full level
B41F 15/08 (2006.01)

CPC (source: EP)
B41F 15/0872 (2013.01)

Citation (search report)
[A] US 4122768 A 19781031 - DUBUIT JEAN-LOUIS, et al

Cited by
EP0535259A1; DE3740457A1; DE3637638A1; US4787310A

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0095987 A1 19831207; EP 0095987 B1 19850918; DE 3360836 D1 19851024; FR 2527986 A1 19831209; FR 2527986 B1 19850322

DOCDB simple family (application)
EP 83401118 A 19830602; DE 3360836 T 19830602; FR 8209550 A 19820602