

Title (en)

Device for adjusting the pressure applied on the coating roller of a coating apparatus

Title (de)

Einstelleinrichtung für auf den Lackierzylinder einer Lackiermaschine ausgeübte Pressdrücke

Title (fr)

Dispositif de réglage de la pression exercée sur le rouleau enducteur d'une machine d'enduction

Publication

EP 0736331 B1 20021016 (DE)

Application

EP 96105165 A 19960330

Priority

- DE 19513132 A 19950407
- DE 19515824 A 19950429

Abstract (en)

[origin: US5667591A] A device for adjusting pressure between the varnishing and pressure cylinders and between the varnishing cylinder and the varnish feed roller of a varnishing machine and including two auxiliary side members for supporting the varnishing cylinder or pressure cylinder, two motor spindles for pivoting the two side members, respectively, two support flanges for supporting the varnish feed roller, two other motor spindles for pivoting the support flanges, respectively, two support flanges for supporting the varnish feed roller, two other motor spindles for pivoting the support flanges, respectively, pressure sensors for sensing the axial pressures applied by the motor spindles, and respective pressure regulators controlling the applied pressures and thereby the pressure between the varnishing and pressure cylinders, and the varnishing cylinder and the varnish feed roller.

IPC 1-7

B05C 1/08; **B05C 11/02**

IPC 8 full level

B05C 1/02 (2006.01); **B05C 1/08** (2006.01); **B05C 11/02** (2006.01)

CPC (source: EP US)

B05C 1/083 (2013.01 - EP US); **B05C 1/0834** (2013.01 - EP US); **B05C 11/02** (2013.01 - EP US)

Cited by

CN103056063A; CN106334648A; CN106362907A

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

US 5667591 A 19970916; EP 0736331 A2 19961009; EP 0736331 A3 19970709; EP 0736331 B1 20021016; ES 2182925 T3 20030316; JP H08323257 A 19961210

DOCDB simple family (application)

US 62924296 A 19960408; EP 96105165 A 19960330; ES 96105165 T 19960330; JP 8408096 A 19960405