

Title (en)

PNEUMATIC BRAKING DEVICE FOR A SUBSTRATE.

Title (de)

PNEUMATISCHE BREMSVORRICHTUNG FÜR EINE AUFZEICHNUNGSTRÄGER.

Title (fr)

SYSTEME DE FREIN PNEUMATIQUE POUR UN SUPPORT D'ENREGISTREMENT.

Publication

EP 0665962 A1 19950809 (DE)

Application

EP 93914634 A 19930716

Priority

- DE 9300632 W 19930716
- DE 4235705 A 19921022

Abstract (en)

[origin: WO9409408A1] An electrographic printer or copier contains, for example, a preheating plate (20, 21) upstream of a pair of fixing rollers in the direction of travel of the substrate and a brake unit (10). The preheating plate (20, 21) and the brake unit (10) form a sliding surface (23). Good contact between the sliding surface (23) and the substrate is provided by suction apertures (18, 19) coupled to an underpressure-generating device. A valve (1) may be used to adapt the underpressure to the operating parameters of the printer and copier and those of the substrate.

IPC 1-7

G03G 15/20; G03G 15/00

IPC 8 full level

B65H 5/22 (2006.01); **B65H 23/24** (2006.01); **B65H 29/68** (2006.01); **G03G 15/00** (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP US)

B65H 23/245 (2013.01 - EP US); **B65H 29/686** (2013.01 - EP US); **G03G 15/2003** (2013.01 - EP US); **G03G 15/6526** (2013.01 - EP US);
G03G 2215/00413 (2013.01 - EP US); **G03G 2215/00666** (2013.01 - EP US)

Citation (search report)

See references of WO 9409408A1

Citation (examination)

- PATENT ABSTRACTS OF JAPAN vol. 14, no. 179 (P-1034) 10. April 1990 ; & JP-A-02 028 677
- PATENT ABSTRACTS OF JAPAN vol. 3, no. 1 (E-082) 11. Januar 1979 ; & JP-A-53 128 340
- PATENT ABSTRACTS OF JAPAN vol. 7, no. 109 (P-196)(1254) 12. Mai 1983 ; & JP-A-58 030 778
- PATENT ABSTRACTS OF JAPAN vol. 7, no. 200 (E-196) 3. September 1983 ; & JP-A-58 098 916

Cited by

US6389329B1; US6532404B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

WO 9409408 A1 19940428; DE 59302531 D1 19960613; EP 0665962 A1 19950809; EP 0665962 B1 19960508; JP H07509076 A 19951005;
US 5627633 A 19970506

DOCDB simple family (application)

DE 9300632 W 19930716; DE 59302531 T 19930716; EP 93914634 A 19930716; JP 50949093 A 19930716; US 42442995 A 19950421