

Title (en)

Device for removal of dust in fold apparatus of printing machines.

Title (de)

Vorrichtung zum Abführen des Staubes in Falzapparaten für Druckmaschinen.

Title (fr)

Dispositif pour l'élimination de la poussière dans des plieuses de machines d'imprimerie.

Publication

EP 0395864 B1 19950104 (DE)

Application

EP 90105015 A 19900316

Priority

DE 3914310 A 19890429

Abstract (en)

[origin: EP0395864A2] In a dedusting device for angle bars in folding apparatuses for printing machines, the angle bar (8) is surrounded, parallel to its axis and in the paper-running direction, at least in the region of one of the lateral edges of the paper-running path (10), by a plurality of successive suction chambers (3) in cross-sectionally semicircular arrangement. Discharge electrodes (6), to which a direct voltage is applied, are arranged at the paper inlet (12) in the region upstream of the first suction chamber (3a) and at the paper outlet (14) in the region downstream of the last suction chamber (3n) opposite the angle bar (8).

IPC 1-7

B41F 23/00; B31F 1/08

IPC 8 full level

B41F 35/00 (2006.01); **B08B 5/04** (2006.01); **B31F 1/08** (2006.01); **B41F 13/00** (2006.01); **B41F 13/06** (2006.01); **B41F 23/00** (2006.01)

CPC (source: EP US)

B41F 23/002 (2013.01 - EP US)

Cited by

DE4305955C1; US5396982A

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0395864 A2 19901107; **EP 0395864 A3 19911030**; **EP 0395864 B1 19950104**; AT E116598 T1 19950115; DE 3914310 A1 19901031; DE 3914310 C2 19930304; DE 59008166 D1 19950216; JP H0367654 A 19910322; US 5027462 A 19910702

DOCDB simple family (application)

EP 90105015 A 19900316; AT 90105015 T 19900316; DE 3914310 A 19890429; DE 59008166 T 19900316; JP 11568390 A 19900501; US 51453690 A 19900426