

Title (en)

Blowing device for decollating a metal web and for slowing-down a sheet in a platen press

Title (de)

Blasvorrichtung zum Freimachen von einer Metallbahn und zum Abbremsen von einem Bogen in einer Tiegelpresse

Title (fr)

Dispositif de soufflerie pour le décollage d'une bande métallisée et le freinage d'une feuille dans une presse à platines

Publication

EP 0739722 B1 19980729 (FR)

Application

EP 96106324 A 19960423

Priority

CH 122695 A 19950428

Abstract (en)

[origin: EP0739722A1] The blower unit consists of a bar (5) situated adjacent to the outlet end of the press, equipped with a series of nozzles (77, 79) with controlled opening. Each nozzle is in a flattened parallelepiped shape, and the air jets issuing from them are directed horizontally between the metallised strip and cardboard sheet. The opening and closing of the nozzles is controlled by slide valves (10, 15) which can move perpendicular to a pressurised air feed channel and have communication ducts to the nozzles. The slide valves are spring-loaded and can be manually operated, and the nozzles can be formed between two plates (25, 30) with rectangular notches in them.

IPC 1-7

B41F 19/06

IPC 8 full level

B41F 21/00 (2006.01); **B41F 1/32** (2006.01); **B41F 16/00** (2006.01); **B41F 19/06** (2006.01)

CPC (source: EP KR US)

B41F 19/068 (2013.01 - EP US); **F04D 29/50** (2013.01 - KR); **B41P 2219/20** (2013.01 - EP US); **Y10T 137/87837** (2015.04 - EP US); **Y10T 137/87877** (2015.04 - EP US); **Y10T 156/1137** (2015.01 - EP US); **Y10T 156/1939** (2015.01 - EP US)

Cited by

CN103097137A; AU2011301409B2; KR101453702B1; US9027473B2; WO2016086325A1; US8881649B2; WO2011072807A1; WO2012034645A1; US11904596B2

Designated contracting state (EPC)

AT BE DE DK ES FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0739722 A1 19961030; EP 0739722 B1 19980729; AT E168933 T1 19980815; AU 5190896 A 19961107; AU 698106 B2 19981022; BR 9602090 A 19981006; CA 2174821 A1 19961029; CA 2174821 C 19990223; CH 690425 A5 20000915; CN 1064924 C 20010425; CN 1142460 A 19970212; DE 69600472 D1 19980903; DE 69600472 T2 19981224; DK 0739722 T3 19990503; ES 2119530 T3 19981001; JP 2908754 B2 19990621; JP H08300604 A 19961119; KR 0172668 B1 19990320; KR 960038142 A 19961121; TW 300199 B 19970311; US 5840155 A 19981124

DOCDB simple family (application)

EP 96106324 A 19960423; AT 96106324 T 19960423; AU 5190896 A 19960426; BR 9602090 A 19960426; CA 2174821 A 19960423; CH 122695 A 19950428; CN 96104924 A 19960429; DE 69600472 T 19960423; DK 96106324 T 19960423; ES 96106324 T 19960423; JP 10969096 A 19960430; KR 19960013236 A 19960426; TW 85104203 A 19960410; US 63817996 A 19960426