

Title (en)

Device for equilibrizing temperature of rotary component members in printing units.

Title (de)

Temperierungsvorrichtung für Rotationskörper in Druckwerken.

Title (fr)

Dispositif pour équilibrer la température des éléments rotatifs dans des groupes imprimants.

Publication

EP 0627308 A3 19950118 (DE)

Application

EP 94101700 A 19940204

Priority

DE 4307732 A 19930311

Abstract (en)

[origin: US5588360A] A temperature control device for rotating bodies in printing mechanisms. It contains a blowing device having an internal air recirculation circuit for the recirculation of cold air which has been deflected from the rotating body which is to be cooled. A cold air generator is arranged outside the blowing device and is connected for flow to it via a cold air feed line. In this way, energy for the production of cold air is saved and the cold air feed line can have a smaller cross section since only a reduced amount of cold air need be fed.

IPC 1-7

B41F 13/22

IPC 8 full level

B41F 13/22 (2006.01); **B41F 23/04** (2006.01); **B41F 31/02** (2006.01)

CPC (source: EP US)

B41F 13/22 (2013.01 - EP US)

Citation (search report)

- [A] US 3628454 A 19711221 - EBERLY DAVID H JR
- [A] "Eine breite Einführung des wasserlosen Offsetdrucks erfordert innovative Lösungen", DEUTSCHER DRUCKER, vol. 28, no. 46, 10 December 1992 (1992-12-10), OSTFILDERN DE, pages W10 - W12, XP000334448

Cited by

US5881643A

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5588360 A 19961231; AT E151345 T1 19970415; DE 4307732 A1 19940915; DE 59402340 D1 19970515; EP 0627308 A2 19941207; EP 0627308 A3 19950118; EP 0627308 B1 19970409; JP 2795802 B2 19980910; JP H06316053 A 19941115

DOCDB simple family (application)

US 20679494 A 19940307; AT 94101700 T 19940204; DE 4307732 A 19930311; DE 59402340 T 19940204; EP 94101700 A 19940204; JP 2991394 A 19940228