

Title (en)

Device for cooling the printed products with cooled air in rotary sheet printing presses

Title (de)

Einrichtung zur Bedruckstoff- und Druckwerkskühlung mittels gekühlter Blasluft an Bogenrotationsdruckmaschinen

Title (fr)

Dispositif pour refroidir les produits imprimés avec de l'air refroidi dans des machines pour imprimer des feuilles rotatives

Publication

EP 1306212 B1 20100519 (DE)

Application

EP 02022662 A 20021010

Priority

DE 10152593 A 20011024

Abstract (en)

[origin: EP1306212A1] Cooling air is fed via pneumatic sheet feed blowers (6,9,11) and air flow pipes (10.1,10.2) in sheet feed path by cooling devices (6.1,6.3, 9.1,9.3,11.1,11.3) arranged in cross section of stream of air flow and attached to or located in the blowers or air flow pipes. Cooling units are located in air blowers below transfer drums (3) and/or above print cylinders (2,4), in effective range of drier (12). Cooling device is located in air flow path and suction flow path of fan of air blower (7,9,11).

IPC 8 full level

B41F 23/04 (2006.01); **B41F 25/00** (2006.01)

CPC (source: EP US)

B41F 23/0483 (2013.01 - EP US); **B41F 25/00** (2013.01 - EP US)

Cited by

DE102005042956B4; CN103342249A; EP1555122A1; DE102017004053A1; WO2018197039A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1306212 A1 20030502; **EP 1306212 B1 20100519**; DE 10152593 A1 20030508; DE 50214439 D1 20100701; US 2003121440 A1 20030703; US 6983696 B2 20060110

DOCDB simple family (application)

EP 02022662 A 20021010; DE 10152593 A 20011024; DE 50214439 T 20021010; US 27319802 A 20021017