Title (en)

APPARATUS FOR REDUCING FLASH FOR THERMAL TRANSFER PRINTERS

Title (de)

VORRICHTUNG ZUR BLITZREDUZIERUNG FÜR THERMOTRANSFERDRUCKER

Title (fr)

APPAREIL POUR RÉDUIRE LE FLASH DES IMPRIMANTES À TRANSFERT THERMIQUE

Publication

EP 2385901 A4 20170111 (EN)

Application

EP 10729530 A 20100108

Priority

- US 2010020409 W 20100108
- US 35182309 A 20090110
- US 24967609 P 20091008

Abstract (en)

[origin: WO2010080940A2] The present disclosure is directed to a printing assembly that includes an image transfer station and a blower configured to provide a cooling stream of air to a product being printed upon. Nozzles may be positioned such that the air targets the leading edge and side edges of the product to facilitate removal of the intermediate transfer media from the targeted areas and reduce the occurrence of flash. Also, a chamber may be defined by a wall of the transfer assembly and peel bars to focus the air flow and insulate the cooling stream of air from the heat of the transfer device. The blower may be configured to provide air when the product is received into and expelled from the transfer assembly. The printing assembly may include sensors and control circuitry for detecting the position of the product and controlling the blower accordingly.

IPC 8 full level

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CPC (source: EP)

B41J 2/0057 (2013.01); **B41J 29/377** (2013.01); B41J 13/12 (2013.01)

Citation (search report)

- [XI] US 2007122216 A1 20070531 - OMATA HARUHIKO [JP]
- [XI] JP H0519642 A 19930129 - RICOH KK
- [XI] JP 2001331043 A 20011130 - FUJI XEROX CO LTD
- See references of WO 2010080940A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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