

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 B1 20180725 (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

**B41J 29/377** (2006.01); **B41F 23/04** (2006.01); **B41J 2/315** (2006.01)

CPC (source: EP)

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010080940 A2 20100715**; **WO 2010080940 A3 20100930**; **WO 2010080940 A4 20101125**; CN 102348559 A 20120208; CN 102348559 B 20141105; EP 2385901 A2 20111116; EP 2385901 A4 20170111; EP 2385901 B1 20180725

DOCDB simple family (application)

**US 2010020409 W 20100108**; CN 201080011525 A 20100108; EP 10729530 A 20100108