

Title (en)

AIR DELIVERY DEVICE FOR PRINTING AND COATING APPLICATIONS

Title (de)

LUFTZUFUHRVORRICHTUNG FÜR DRUCK UND BESCHICHTUNGSANWENDUNGEN

Title (fr)

DISPOSITIF DE SOUFFLAGE POUR DES APPLICATIONS D'IMPRESSION ET DE REVÊTEMENT

Publication

**EP 2152618 A2 20100217 (EN)**

Application

**EP 08747146 A 20080430**

Priority

- US 2008061967 W 20080430
- US 91484207 P 20070430
- US 11141608 A 20080429

Abstract (en)

[origin: US2008265493A1] An air delivery device and printing or coating machinery using the same. In one configuration, the air delivery device is an air knife that cooperates with a printing device such as a printing press, coating machine or the like. In a particular configuration, the air knife is situated adjacent a set of cylinders in the printing device such that upon a sheet or related piece of printed substrate being put in an air flowpath created by the air knife, one or more operations can be performed on the still wet printed or coated sheet to minimize the chance of contact of the wet sheet surface with sheet delivery or related components. Examples of such operations may include turning, bending or folding the sheet, as well as drying the ink or coating placed on the sheet by the printing machinery.

IPC 8 full level

**B65H 29/04** (2006.01); **B65H 29/24** (2006.01)

CPC (source: EP US)

**B65H 29/041** (2013.01 - EP US); **B65H 29/042** (2013.01 - EP US); **B65H 29/245** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US)

Citation (search report)

See references of WO 2008134701A2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2008265493 A1 20081030**; EP 2152618 A2 20100217; WO 2008134701 A2 20081106; WO 2008134701 A3 20090219

DOCDB simple family (application)

**US 11141608 A 20080429**; EP 08747146 A 20080430; US 2008061967 W 20080430