

Title (en)

Colour proofer with curl control means

Title (de)

Farbprüfvorrichtung mit Blattwellungskontrolleinrichtung

Title (fr)

Épreuve-couleur avec moyens de contrôle du gondolement

Publication

EP 1602499 A3 20051221 (EN)

Application

EP 05101377 A 20050223

Priority

- EP 04101862 A 20040430
- EP 05101377 A 20050223

Abstract (en)

[origin: EP1602499A2] A large format printer using web feed material is able to cope with roll fed material and sheets having residual curl by using several features : a anti-curl guidance counteracts the curl to feed the medium to a second transport system. the medium is further held flat by a vacuum system. During re-feeding the height of the position of the sheet having residual curl is adjusted by a moving pivot roller to smoothly pass over a cutting bar, the entrance of a re-feeding chamber is enlarged by lifting a retractor pivot plate by a retractor pivot to allow curled media to enter the re-feeding chamber. <??>Curl can also be avoided by keeping the web roll of media in a relative humid condition by restricting air flow or by using an extra humidifier. <IMAGE>

IPC 1-7

B41J 11/00; **B41J 3/60**; **B41J 13/00**

IPC 8 full level

B41J 3/60 (2006.01); **B41J 11/00** (2006.01); **B41J 13/00** (2006.01); **B41J 15/16** (2006.01)

CPC (source: EP)

B41J 3/60 (2013.01); **B41J 11/0005** (2013.01); **B41J 11/001** (2013.01); **B41J 11/003** (2013.01); **B41J 11/007** (2013.01); **B41J 11/0085** (2013.01); **B41J 11/0095** (2013.01); **B41J 15/16** (2013.01)

Citation (search report)

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- [XY] US 5668581 A 19970916 - TSUJI KIKUNOSUKE [JP], et al
- [A] US 5883643 A 19990316 - MOK JOSEF [DE], et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1602499 A2 20051207; **EP 1602499 A3 20051221**

DOCDB simple family (application)

EP 05101377 A 20050223