

Publication

**EP 0744289 A3 19961211**

Application

**EP 96107877 A 19960517**

Priority

DE 19518660 A 19950520

Abstract (en)

[origin: EP0744289A2] The print path is fitted with a line of sensors across the print feed with each sensor comprising a light source and light guide to direct light onto the print and a sensor to monitor the reflected light. The reflected light is monitored to determine the light reflection signals from the non printed areas between the print panels. These signals are compared with reference signals to generate correction signals for the moisture sprays (17) which cover the wetting rollers. The process does not require any special reference areas of the print cylinder and is independent of the layout of the print cylinder. The moisture level in the reference strips is raised to the toner limit ie. until no ink is found in the reference strips. The operating moisture level is then set a small amount above this level.

IPC 1-7

**B41F 33/00**

IPC 8 full level

**B41F 7/24** (2006.01); **B41F 31/02** (2006.01); **B41F 33/00** (2006.01); **B41F 33/10** (2006.01); **B41F 33/14** (2006.01)

CPC (source: EP US)

**B41F 33/0054** (2013.01 - EP US)

Citation (search report)

- [A] DE 4005558 A1 19910919 - ROLAND MAN DRUCKMASCH [DE]
- [A] DE 4238557 A1 19940519 - KOENIG & BAUER AG [DE]
- [DA] EP 0357987 A2 19900314 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] DE 4028083 A1 19920312 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

DE102005018821B4; EP1261486A4; CN1295080C; DE102017216260A1; EP1477314B1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

**DE 19518660 A1 19961121**; **DE 19518660 C2 19971009**; DE 59601439 D1 19990422; EP 0744289 A2 19961127; EP 0744289 A3 19961211; EP 0744289 B1 19990317; JP 2801582 B2 19980921; JP H091784 A 19970107; US 5713286 A 19980203

DOCDB simple family (application)

**DE 19518660 A 19950520**; DE 59601439 T 19960517; EP 96107877 A 19960517; JP 12376196 A 19960517; US 65078996 A 19960520