

Title (en)

Receptor material conditioning apparatus

Title (de)

Vorbehandlungsgerät für Empfänger material

Title (fr)

Appareil de prétraitement de matériau de réception

Publication

EP 0629925 B1 19960904 (EN)

Application

EP 94304262 A 19940613

Priority

- EP 94304262 A 19940613
- EP 93304774 A 19930618

Abstract (en)

[origin: EP0629925A1] A receptor material conditioning apparatus is described for conditioning a moving paper web (12) suitable for use in an electrostatographic printer. The apparatus comprises means (101) defining a paper web path through the apparatus. Heating means, such as a heated drum (55), reduce the moisture content of paper moving along the paper web path. Cooling means (65), positioned downstream of said heating means, cool the receptor material moving along the receptor material path. Sensing means such as an electrometer (74) determine the electrical condition of paper before it leaves the apparatus. By conditioning the paper web, a higher yield of toner transfer in the subsequent electrostatographic printer can be obtained. Optionally two electrometers are used to thereby detect the charge decay. <IMAGE>

IPC 1-7

G03G 15/00

IPC 8 full level

G03G 15/00 (2006.01); **G03G 15/16** (2006.01)

CPC (source: EP)

G03G 15/1695 (2013.01); **G03G 15/65** (2013.01); **G03G 2215/00666** (2013.01)

Cited by

US6049680A; DE102005041848A1; EP0955572A1; DE19535776A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0629925 A1 19941221; EP 0629925 B1 19960904

DOCDB simple family (application)

EP 94304262 A 19940613