

Title (en)

Apparatus and method for removing a print material on a recording medium

Title (de)

Gerät und Verfahren zur Entfernung von Druckmaterial von einem Aufzeichnungsmedium

Title (fr)

Appareil et méthode pour enlever un matériau d'impression d'un support d'enregistrement

Publication

**EP 1168106 A3 20060726 (EN)**

Application

**EP 01115182 A 20010622**

Priority

JP 2000189262 A 20000623

Abstract (en)

[origin: EP1168106A2] The present invention provides a removing apparatus (1) for applying a liquid (16) to a printed sheet (4) and thereby removing toner from the sheet. The sheet has a water-swelling type top layer. As the sheet is dipped in the liquid, it is curved by a sheet curving member (20) for at least 20 seconds. Preferably, the curved portion of the sheet has a radius of curvature of 10mm or less. This allows the dipping operation to be performed in a shorter period of time.

IPC 8 full level

**G03G 21/00** (2006.01); **B41M 7/00** (2006.01)

CPC (source: EP)

**B41M 7/0009** (2013.01); **G03G 21/00** (2013.01)

Citation (search report)

- [YA] DE 19854413 A1 19990602 - MINOLTA CAMERA KK [JP]
- [YA] US 5689754 A 19971118 - YOSHIDA MASAZUMI [JP], et al
- [Y] US 5621939 A 19970422 - YOSHIDA MASAZUMI [JP], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1168106 A2 20020102**; **EP 1168106 A3 20060726**; JP 2002006700 A 20020111

DOCDB simple family (application)

**EP 01115182 A 20010622**; JP 2000189262 A 20000623