

Title (en)

DROP CATCHER FOR USE IN INKJET PRINTER

Title (de)

TROPFENFÄNGER ZUR VERWENDUNG IN EINEM TINTENSTRAHLDRUCKER

Title (fr)

DISPOSITIF DE COLLECTE DE GOUTTES POUR ÊTRE UTILISÉ DANS UNE IMPRIMANTE À JET D ENCRE

Publication

EP 2240327 A1 20101020 (EN)

Application

EP 09711419 A 20090213

Priority

- NL 2009050068 W 20090213
- NL 2001285 A 20080213

Abstract (en)

[origin: WO2009102208A1] An apparatus for printing a web of material by means of ink jet heads comprises removing means for catching and removing floating ink droplets by electrostatic means. Added for this purpose to each group of heads is a plate which is charged with an electrical voltage relative thereto and which during operation electrically attracts the floating ink droplets. Present between the conveyor belt for transporting a substrate for printing along the inkjet heads and the relevant head or heads is a transport member, for instance an endless conveyor belt, which transport member, in a collecting position, collects ink droplets attracted by the plate, is subsequently guided to a cleaning station for removal of collected ink from the transport member, and then guided back again to its collecting position.

IPC 8 full level

B41J 2/165 (2006.01); **B41F 17/00** (2006.01); **B41J 2/17** (2006.01); **B41J 11/00** (2006.01); **B41J 13/00** (2006.01); **B41J 15/04** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2009102208A1

Cited by

EP2643159B1; EP2643159B2

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Designated extension state (EPC)

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