

Title (en)

METHOD AND DEVICE FOR CLEANING SUPPORT ELEMENTS IN PRINTERS OR COPIERS BY MEANS OF MAGNETIC FIELDS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REINIGUNG VON TRÄGERELEMENTEN IN DRUCKERN ODER KOPIERERN UNTER ANWENDUNG VON MAGNETFELDERN

Title (fr)

PROCEDES ET DISPOSITIFS POUR NETTOYER DES ELEMENTS DE SUPPORT DANS DES IMPRIMANTES OU DES COPIEURS PAR UTILISATION DE CHAMPS MAGNETIQUES

Publication

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Application

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Abstract (en)

[origin: WO03036393A2] The invention relates to a method and devices for cleaning the surfaces of applicator rollers (12), photoconductor drums, transfer belts and photoconductor belts using magnetic roller systems (14, 16). The invention also relates to methods and systems for cleaning magnetic rollers (24, 44) to whose surfaces toner particles adhere. In a first embodiment, a squeegee (82) is disposed at a distance to the surface of the roller (24, 44). In another embodiment, a magnetic stator configuration with two spaced apart magnetic elements (142, 144) is used whose poles (N, N) have substantially the same active direction.

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