Title (en)
DEVICE AND METHOD FOR PRINTING ON BOTH FACES OF A RECORDING MEDIUM, COMPRISING A CHARGE SHIFTING AND RECHARGING DEVICE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM BEIDSEITIGEN BEDRUCKEN EINES AUFZEICHNUNGSTRÄGERS MIT UMLADE- UND NACHLADEVORRICHTUNG

Title (fr)
DISPOSITIF ET PROCEDE POUR IMPRIMER UN SUPPORT D'ENREGISTREMENT DES DEUX COTES, AVEC UN DISPOSITIF DE CHANGEMENT DE CHARGE ET UN DISPOSITIF D'APPLICATION DE NOUVELLE CHARGE

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Application
EP 06725285 A 20060323

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Abstract (en)
[origin: WO2006122847A1] The invention relates to a device and a method for simultaneously printing on both faces of a recording medium (12). The device comprises a revolving first toner image support (78) and a revolving second toner image support (78'), means (80) for producing a first toner image, consisting of a toner that is charged with a first polarity, on the first toner image support (78), and means (80') for producing a second toner image, consisting of a toner that is likewise charged with the first polarity, on the second toner image support (78'). The device also comprises a charge shifting device (108) adapted to charge the first toner image present on the first toner image support (78) with a second polarity opposite the first polarity, and a recharging device (114) adapted to recharge the second toner image present on the second toner image support (78') with the first polarity.

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CPC (source: EP US)
G03G 15/238 (2013.01 - EP US); G03G 2215/00016 (2013.01 - EP US); G03G 2215/00223 (2013.01 - EP US)

Citation (search report)
See references of WO 2006122847A1

Citation (examination)
• US 2879395 A 19590324 - WALKUP LEWIS E
• DE 19713964 A1 19971120 - FUJI XEROX CO LTD [JP]

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DE FR GB

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