

Title (en)

PRINTER OR COPIER WITH AN ARRANGEMENT FOR PRINTING BOTH SIDES OF A RECORDING MEDIUM.

Title (de)

DRUCK- ODER KOPIERGERÄT MIT EINER ANORDNUNG ZUM BEIDSEITIGEN BEDRUCKEN EINES AUFZEICHNUNGSTRÄGERS.

Title (fr)

IMPRIMANTE OU PHOTOCOPIEUR AYANT UN DISPOSITIF D'IMPRESSION DES DEUX COTES D'UN SUPPORT D'ENREGISTREMENT.

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Application

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Abstract (en)

[origin: WO9308511A1] A printer or copier working according to the transfer printing process has an arrangement for printing the front and/or the back of a recording medium (29). The arrangement has a photoconductive drum (10) and a thermoadhesive transfer band (12) coupled to the photoconductive drum. A transfer printing and fixing station (18) associated to the transfer band (12) has a fixing gap (23) on the one side of which is arranged the transfer band (10) and on the other side of which is arranged a transfer printing and fixing element (22) designed as a heated transfer printing roller. The transfer band (10) and the transfer printing and fixing element (22) are elastically supported on each other. In order to print at the same time the front and the back of a recording medium (29), a first toner image (39/1) associated to the back of the recording medium (29) and a second toner image associated to the front (39/2) of the recording medium (29) are generated on the photoconductive drum and transferred in this order to the transfer band (12). The heated images heated to a pasty state are brought to the fixing gap (23). The heated transfer printing and fixing roller (22) takes up at first the toner image (39/1) of the back side. Then the recording medium (29) is brought to the fixing gap (23) and the transfer band (12) and the printing roller (2) turn on the individual sheet (29), transferring and fixing at the same time the toner images on both sides of the recording medium.

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