

Title (en)

Device for the application of solid particles on the recording support of a printing machine.

Title (de)

Vorrichtung zum Aufbringen von Feststoffteilchen auf einen Aufzeichnungsträger einer Druckvorrichtung.

Title (fr)

Dispositif pour l'application de particules solides sur le support d'enregistrement d'une imprimante.

Publication

EP 0086683 A1 19830824 (FR)

Application

EP 83400099 A 19830114

Priority

FR 8202205 A 19820211

Abstract (en)

[origin: US4430957A] Apparatus for applying solid particles to the image carrier of a non-impact printer comprises a tank (6) containing a supply of the particles and includes a cylindrical conveying device (21) mounted for rotation in the tank on a first axis A3. A cylindrical conveying member (14) is also mounted for rotation in said tank on a second axis A2, while a first deflector (15) is interposed between the conveying member (14) and the carrier (2), and a second deflector (22) is interposed between the conveying device (21) and the conveying member (14) so as to cause transfer of particles in the tank to the conveying device (21), from there to the member (14) and thence to the carrier (2). Stirring devices (27) for stirring the particles in the tank may also be provided to establish a suitable reserve of particles and supply the particles to the conveying member with evenness.

Abstract (fr)

Dispositif pour l'application de particules solides sur le support d'enregistrement d'une imprimante non-impact. Il comprend un élément (14) de transport pour appliquer, par l'intermédiaire d'un déflecteur (15), les particules sur le support (2), ainsi qu'un premier organe (21) de transport de forme cylindrique pour alimenter en particules l'élément de transport, par l'intermédiaire d'un autre déflecteur (22). On peut également prévoir des moyens (27) de brassage des particules et d'autres organes (28) de transport cylindriques pour alimenter le premier. On dispose ainsi d'une réserve convenable de particules et l'élément de transport se trouve alimenté de façon régulière. Application à la réalisation d'imprimantes non-impact magnétiques.

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G03G 15/09; **G03G 15/08**

IPC 8 full level

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CPC (source: EP US)

G03G 15/0813 (2013.01 - EP US); **G03G 15/09** (2013.01 - EP US)

Citation (search report)

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