

Title (en)

Latent electrostatic image developing device in image forming machine

Title (de)

Vorrichtung zum Entwickeln eines latenten elektrostatischen Bildes in einem Bilderzeugungsgerät

Title (fr)

Dispositif de développement d'une image électrostatique latente dans un appareil de formation d'images

Publication

EP 0810490 A1 19971203 (EN)

Application

EP 97108825 A 19970602

Priority

JP 13730796 A 19960531

Abstract (en)

A latent electrostatic image developing device of an image forming machine, comprising a developing roller (53) disposed in a development housing (51) for applying in a developing zone a developer to a latent electrostatic image formed on a photoconductor drum (42), a makeup roller (54) for supplying a developer to the peripheral surface of the developing roller (53) in a developer holding zone, and a developer regulating means (56) for regulating the amount of the developer, held on the peripheral surface of the developing roller (53), in a developer regulating zone. The developing roller (53) is rotationally driven from below to above in the developing zone. The developing roller (53) and the makeup roller (54) are both rotationally driven from above to below in the developer holding zone. The developer regulating means (56) is disposed below the developing roller (53). <IMAGE>

IPC 1-7

G03G 15/08

IPC 8 full level

G03G 15/08 (2006.01)

CPC (source: EP KR)

G03G 15/0808 (2013.01 - EP KR); **G03G 15/0812** (2013.01 - EP KR); **G03G 21/1647** (2013.01 - KR); **G03G 2215/0636** (2013.01 - KR)

Citation (search report)

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- [X] EP 0451982 A2 19911016 - JAPAN IMAGING SYST KK [JP]
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- [X] PATENT ABSTRACTS OF JAPAN vol. 095, no. 005 30 June 1995 (1995-06-30)

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