

Title (en)

Development unit and image forming apparatus having the same.

Title (de)

Entwicklungsvorrichtung und damit ausgerüstetes Bilderzeugungsgerät.

Title (fr)

Dispositif de développement et appareil de formation d'images avec le même.

Publication

EP 0557925 A1 19930901

Application

EP 93102742 A 19930222

Priority

JP 3606892 A 19920224

Abstract (en)

A development unit comprises a photosensitive body (15) for bearing a latent image, a process unit for forming the latent image on the photosensitive body (15), a developer supporting member (42) rotatably arranged opposite to the photosensitive body (15) and cylindrically formed by a thin plate (42b) having meshes (42a), a fur brush roller (44) formed in contact with the inner surface of the developer supporting member (42) for transporting the developer, a casing (47) for guiding the developer transported by the fur brush roller (44) to charge the developer by friction between the fur brush roller (44) and the casing, and a voltage applying mechanism (49) for applying, to the developer supporting member (42), a voltage which allows the developer to pass through the meshes (42a) and is lower than a voltage enough to supply the developer from the meshes (42a) to the photosensitive body (15) and supplying the developer transported by the fur brush roller (44) from the meshes (42a) to the photosensitive body (15) by physical pressure. <IMAGE>

IPC 1-7

G03G 15/08

IPC 8 full level

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CPC (source: EP)

G03G 15/08 (2013.01); **G03G 15/0805** (2013.01); **G03G 15/0806** (2013.01)

Citation (search report)

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- [A] US 3893413 A 19750708 - WEILER ERNEST A H
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DE FR GB

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