

Title (en)

Development housing with simultaneous pickup and trim.

Title (de)

Entwicklungsgehäuse mit gleichzeitiger Aufnahme und Regulierung.

Title (fr)

Boîtier de développement avec captage et régulation simultanés.

Publication

EP 0596640 A2 19940511 (EN)

Application

EP 93308528 A 19931026

Priority

US 97100292 A 19921102

Abstract (en)

An apparatus which advances developer material to an electrostatic latent image recorded on a photoconductive member (10). The apparatus uses a magnetic roll (85) having a rotating tubular member (80) with a stationary magnet (84) disposed interiorly thereof to attract developer material thereto. The magnet is substantially V-shaped and generates a strong magnetic field over one region (84c) to hold the developer material on the tubular member, and a weak magnetic field over the remaining region (84d) to release the developer material therefrom. Opposite polarity magnetic poles (84a,84b) are impressed on the legs of the magnet. A trimming blade (82), positioned adjacent the tubular member opposed from one of the magnetic poles (84a), regulates the thickness of the developer material as it is being loaded on the tubular member. <IMAGE>

IPC 1-7

G03G 15/09

IPC 8 full level

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CPC (source: EP)

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