

Title (en)

MAGNETIC BRUSH DEVELOPMENT APPARATUS FOR ELECTROSTATIC CHARGE IMAGES

Publication

EP 0008040 B1 19810916 (DE)

Application

EP 79102655 A 19790726

Priority

DE 2834264 A 19780804

Abstract (en)

[origin: US4261289A] Disclosed is a magnetic brush device for use in a photocopy machine for applying a developer comprised of a toner and magnetic carrier particles to electrostatic charge images on a photoconductive recording medium on a rotating drum, comprising a magnetic brush roller rotatably mounted axially parallel and in spaced relationship to the drum; a doctor blade positioned adjacent the magnetic brush roller for metering the quantity of developer carried by the roller, this doctor blade converging to a point substantially adjacent the surface of the magnetic brush roller in the regions near both ends of the roller, to define a transition zone at each end thereof; and two elastic wiper members comprised of non-magnetic material mounted to bear against the drum, one in each of the transition zones, for wiping the magnetic carrier particles from the drum and for limiting the width of the developer applied by the magnetic brush roller to the drum.

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IPC 8 full level

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CPC (source: EP US)

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