

Title (en)
Carrier for two-component type developer.

Title (de)
Träger für Zweikomponentenentwickler.

Title (fr)
Véhiculeur pour développateur à deux composants.

Publication
EP 0431830 B1 19950419 (EN)

Application
EP 90312945 A 19901128

Priority
• JP 18719890 A 19900717
• JP 30660189 A 19891128

Abstract (en)
[origin: EP0431830A1] Disclosed is a ferrite carrier for a two-component type developer, characterized in that the internal pore ratio, based on the area, of carrier particles is adjusted to 3 to 30%, the electric resistance is adjusted within a certain range, and the developing electric field dependency indicating the change ratio of the electric resistance of the particles caused when the electric field is changed is controlled within a specific range. This carrier has a good durability, and when a two-component developer comprising this ferrite carrier is used, there can be obtained a high-quality image in which a solid image area and a fine line image area are clearly reproduced.

IPC 1-7
G03G 9/10; G03G 9/107

IPC 8 full level
G03G 9/10 (2006.01); **G03G 9/107** (2006.01)

CPC (source: EP KR US)
G03G 9/1085 (2020.08 - EP KR US)

Cited by
EP0614129A1; US5981127A; US6077637A; US8137886B2; US8142972B2; WO2007066800A1

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CH DE ES FR GB IT LI NL

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EP 90312945 A 19901128; CA 2030910 A 19901127; DE 69018786 T 19901128; ES 90312945 T 19901128; JP 30669890 A 19901113; KR 900019426 A 19901128