

Title (en)

LIQUID DEVELOPER FOR THE DEVELOPMENT OF ELECTROSTATIC CHARGE IMAGES, AND PROCESS FOR ITS PRODUCTION

Publication

EP 0114300 B1 19870415 (DE)

Application

EP 83112605 A 19831215

Priority

DE 3247925 A 19821224

Abstract (en)

[origin: US4526852A] The invention relates to a liquid developer with negatively charged toner particles for developing electrostatic charge images. It is composed of a carrier liquid of high electric resistivity and low dielectric constant, pigments or dyes, a binder, a dispersing agent and a charge control agent, such as an N-vinylpyrrolidone-containing polymer, a waxy substance and conventional additives. The liquid developer additionally contains at least one wax which is readily soluble in the carrier liquid at increasing temperatures, but difficultly soluble at room temperature, which reduces the specific electric conductivity of the liquid developer and which has a softening point within a range of from about 50 DEG to 120 DEG C. and an acid number of from about 0 to 200.

IPC 1-7

G03G 9/12

IPC 8 full level

G03G 9/12 (2006.01); **G03G 9/13** (2006.01); **G03G 9/135** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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