

Title (en)

DEVICE FOR THE REMOVAL OF DEVELOPING LIQUID FROM A RECORDING MATERIAL

Publication

EP 0041198 B1 19831221 (DE)

Application

EP 81103943 A 19810522

Priority

DE 3021050 A 19800604

Abstract (en)

[origin: US4353639A] Disclosed is a device for use in an electrophotographic copying machine to remove developer liquid from a recording material, comprising a rotatable drum carrying on its outside circumferential surface the recording material which is intended to be charged and exposed to an optical image of an original in order to produce a latent charge image thereon; and a roller mounted parallel to the drum for rotation in the direction opposite to the direction of movement of the recording material for applying a developer liquid to the latent charge image on the drum. The roller is arranged to provide a gap between the roller and the recording material, and the roller comprises a surface layer of a material having a smaller coefficient of friction than the recording material and a thickness such that the gap between the roller and the recording material on the drum is less than about 0.05 mm.

IPC 1-7

G03G 15/10; **G03G 21/00**

IPC 8 full level

G03G 15/10 (2006.01); **G03G 15/11** (2006.01); **G03G 21/00** (2006.01); **G03G 21/10** (2006.01)

CPC (source: EP US)

G03G 15/11 (2013.01 - EP US); **G03G 21/0088** (2013.01 - EP US)

Cited by

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EP 0041198 A1 19811209; **EP 0041198 B1 19831221**; AU 537886 B2 19840719; AU 7128281 A 19811210; CA 1169476 A 19840619; DE 3021050 A1 19811210; DE 3161690 D1 19840126; JP S5726889 A 19820213; US 4353639 A 19821012

DOCDB simple family (application)

EP 81103943 A 19810522; AU 7128281 A 19810603; CA 378212 A 19810525; DE 3021050 A 19800604; DE 3161690 T 19810522; JP 8504881 A 19810604; US 26697781 A 19810526