

Title (en)
Liquid electrographic developers.

Title (de)
Flüssige elektrographische Entwickler.

Title (fr)
Développeurs électrographiques liquides.

Publication
EP 0119713 A1 19840926 (EN)

Application
EP 84300812 A 19840209

Priority
US 46574783 A 19830211

Abstract (en)
Liquid electrographic developers are disclosed comprising an electrically insulating liquid carrier, dispersed toner particles, and dissolved in the carrier a polymeric charge-control agent and a polymeric charging agent. The charge-control agent is an addition copolymer of a quaternary ammonium salt monomer, a monomer having -COOH, -SO₃H or -PO₃HR acidic function wherein R is hydrogen or alkyl, and a solubilizing monomer. The charging agent is an addition copolymer of a polar monomer and a solubilizing monomer.

IPC 1-7
G03G 9/12; C08L 57/06; C08L 33/00

IPC 8 full level
G03G 9/12 (2006.01); **G03G 9/13** (2006.01)

CPC (source: EP)
G03G 9/131 (2013.01)

Citation (search report)
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EP0176630A1; EP0176629A1; US7614879B2; WO03005973A1; WO0212213A3

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EP 0119713 A1 19840926; **EP 0119713 B1 19871007**; CA 1212854 A 19861021; DE 3466743 D1 19871112; JP S59157658 A 19840907

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EP 84300812 A 19840209; CA 445451 A 19840117; DE 3466743 T 19840209; JP 2304384 A 19840213