

Title (en)

ELECTROSTATIC TONERS CONTAINING AMPHIPHILIC LIQUID CRYSTALS.

Title (de)

ELEKTROSTATISCHE TONER, ENTHALTEND AMPHIPHILE FLÜSSIGKRISTALLE.

Title (fr)

TONER ELECTROSTATIQUE RENFERMANT DES CRISTAUX LIQUIDES AMPHIPHILES.

Publication

**EP 0671026 A1 19950913 (DE)**

Application

**EP 93924082 A 19931029**

Priority

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- EP 9303020 W 19931029

Abstract (en)

[origin: DE4237661A1] The invention concerns electrostatic toners containing a polymeric binder and, as charge stabilizer, a compound of formula (I) in which n is 2 to 6; Q is a 2- to 6-valent group derived from benzene, cyclohexane, naphthalene, triphenylene or perylene; X is a chemical bond, oxygen, sulphur, sulphonyl, carbonyl or a group of the formula O-CO, CO-O, NH-CO or CO-NH; L is a bridging member; R<1>, R<2> and R<3> are C1-C4 alkyl or C5-C7 cycloalkyl, or R<1> and R<2> together are 1,4-butylene, 1,5-pentylene or 1,5-(3-oxapentylene), or the group (a) is the pyridinium or 3-carboxypyridinium ion; and An<-O> is the anion equivalent. The invention also concerns the use of such compounds as charge stabilizers in electrostatic toners.

IPC 1-7

**G03G 9/097**; **C09K 19/30**; **C09K 19/34**; **C09K 19/32**

IPC 8 full level

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