

Title (en)

ELECTROSTATIC TONERS CONTAINING A KETO COMPOUND AS CHARGE STABILIZER

Title (de)

ELEKTROSTATISCHER TONER, ENTHALTEND EINE KETOVERBINDUNG ALS LADUNGSSTABILISATOR

Title (fr)

TONER ELECTROSTATIQUE CONTENANT UN COMPOSE CETONIQUE COMME STABILISATEUR DE LA CHARGE

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Application

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Abstract (en)

[origin: WO9216878A1] The invention discloses electrostatic toners containing a polymer binder and as charge stabilizer a compound of formula (I), wherein Z stands for a C1?-C20? alkyl, possibly substituted with phenyl, C5?-C7? cycloalkyl or possibly substituted phenyl, X and Y stand for cyano or a residue of formula -CO-OR?1, -CO-NR?1R?2 or -CO-R?3, wherein R?1 stands for C1?-C20? alkyl, possibly substituted by phenyl, or C5?-C7? cycloalkyl R?2 stands for hydrogen or C1?-C4? alkyl and R?3 for C1?-C20? alkyl, possibly substituted by phenyl, C5?-C7? cycloalkyl or possibly substituted phenyl, or X and Y together stand for a residue of formula -CO-L-CO- or -CO-CH=C(CH3?)-O-CO-, wherein L stands for C2?-C4? alkylene and Kat?+ stands for the equivalent of a cation. Also disclosed is the use of the above mentioned compounds as charge stabilizers in electrostatic toners.

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