

Title (en)

Friction charge-providing member for positively-chargeable toner.

Title (de)

Reibungsladung entwickelndes Element für positivaufladbare Toner.

Title (fr)

Élément générant une charge par friction pour révélateurs positivement chargeable.

Publication

EP 0655658 A2 19950531 (EN)

Application

EP 94105509 A 19940408

Priority

JP 29379893 A 19931101

Abstract (en)

A friction charge-providing member for positively-chargeable toner comprising a parent material and a charge-controlling agent on the surface is disclosed. The charge-controlling agent is selected from at least one selected from the group consisting of compounds represented by formula (I) or (II): <CHEM> wherein A and B each independently represent a hydrogen atom, a halogen atom, an alkoxyl group, a carboxyl group, a hydroxyl group, an ester group, a nitro group, an amino group, an alkylamino group, an alkyl group which may contain a substituent(s) or a phenyl group which may contain a substituent(s); R represents a hydrogen atom, an alkyl group which may contain a substituent(s), a phenyl group which may contain a substituent(s) or a naphthyl group which may contain a substituent(s); m represents an integer 2 to 16; and n represents an integer 4 to 8.

IPC 1-7

G03G 9/113

IPC 8 full level

G03G 9/10 (2006.01); **G03G 9/113** (2006.01); **G03G 15/08** (2006.01); **G03G 15/09** (2006.01)

CPC (source: EP KR)

G03G 9/08 (2013.01 - KR); **G03G 9/1138** (2013.01 - EP); **G03G 15/0812** (2013.01 - EP); **G03G 15/0818** (2013.01 - EP); **G03G 15/0928** (2013.01 - EP)

Cited by

EP0747782A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0655658 A2 19950531; **EP 0655658 A3 19960703**; JP H07128916 A 19950519; KR 950014999 A 19950616

DOCDB simple family (application)

EP 94105509 A 19940408; JP 29379893 A 19931101; KR 19940007798 A 19940414