

Title (en)

Dry electrophotographic toner composition.

Title (de)

Trockene elektrophotographische Tonerzusammensetzung.

Title (fr)

Composition électrophotographique sèche de toner.

Publication

**EP 0380813 A1 19900808 (EN)**

Application

**EP 89200192 A 19890131**

Priority

EP 89200192 A 19890131

Abstract (en)

The invention relates to a toner composition consisting of fusible electrostatically attractable toner particles suitable for being fixed to paper by heat and pressure fusing. According to the invention an electrophotographic toner composition is disclosed comprising a colorant dispersed in a resin binder, wherein the binder consists for at least 75 % by weight of a mixture of at least one acidic binder resin having an acid number in the range of 4 to 40 mg KOH/g, and at least one basic binder resin having free amino groups in an amount equivalent with 4 to 40 mg KOH/g and being present in an amount of at least 10 % and at most 90 % by weight with respect to the acidic resin(s), the acidic binder resin and the basic binder resin being present at least partly in the form of an acid-base reaction product.

IPC 1-7

**G03G 9/087**

IPC 8 full level

**G03G 9/087** (2006.01)

CPC (source: EP)

**G03G 9/08791** (2013.01); **G03G 9/08795** (2013.01)

Citation (search report)

- [X] EP 0066395 A1 19821208 - RANK XEROX LTD [GB]
- [A] GB 1352804 A 19740515 - KONISHIROKU PHOTO IND
- [AD] GB 2082788 A 19820310 - KONISHIROKU PHOTO IND [JP], et al
- [X] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 212 (P-224)[1357], 20th September 1983; & JP-A-58 107 549 (CANON K.K.) 27-06-1983

Cited by

EP1912100A1; EP0744668A3; EP3767395A4; EP0747774A3; EP0643336A3; US5804347A; EP0655657A1; US5521045A; US6288166B1; US11886144B2; US9375653B2; US9511304B2

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