Title (en)
Toner composition

Title (de)
Tonerzusammensetzung

Title (fr)
Composition de toner

Publication
EP 0801333 A3 19980107 (EN)

Application
EP 97200834 A 19970320

Priority
EP 96200977 A 19960409

Abstract (en)
[origin: EP0801333A2] A toner composition is provided comprising toner particles having a BET surface between 0.4 and 1.5 m<2>/g and a melt viscosity between 150 and 2,000 Pa.s at 120 DEG C and n different types of inorganic hydrophobic particles wherein the amount of inorganic particles is chosen such that the total BET surface of the inorganic particles relates to the BET surface of the toner particles in a specific way. In the composition sum of the BET surface of each of the types of inorganic particles multiplied with their respective weight percentage relative to the toner amount relates to the BET surface of the toner particles in a ratio BR, such that $150 \leq BR \leq 375$. The use of the toner composition in an electrostatographic method wherein the images are fixed in a non-contact fusing step is beneficial for good gloss control.

IPC 1-7
G03G 9/097; G03G 15/20

IPC 8 full level
G03G 9/00 (2006.01); **G03G 9/08** (2006.01); **G03G 9/09** (2006.01); **G03G 9/097** (2006.01); **G03G 13/20** (2006.01)

CPC (source: EP)
G03G 9/09716 (2013.01); **G03G 13/20** (2013.01)

Citation (search report)
- [Y] US 4626487 A 19861202 - MITSUHASHI YASUO [JP], et al
- [YD] WO 9500883 A1 19950105 - AGFA GEVAERT NV [BE], et al
- [A] US 5204204 A 19930420 - SHINTANI YUJI [US], et al
- [A] US 5219696 A 19930615 - DEMIZU ICHIRO [JP], et al
- [XD] US 4623605 A 19861118 - KATO HITOSHI [JP], et al
- [A] EP 0573933 A1 19931215 - CANON KK [JP]

Cited by
EP1132780A1; EP0864943A1; EP0867786A1; GB2337607A; US6120960A; GB2337607B; US8846798B2; US7972660B2; US6319647B1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0801333 A2 19971015; **EP 0801333 A3 19980107**; JP 2996629 B2 20000111; JP H1039539 A 19980213

DOCDB simple family (application)
EP 97200834 A 19970320; JP 10275497 A 19970404