

Title (en)

Fluorinated carbon-containing developer composition.

Title (de)

Fluorierten Kohlenstoff enthaltende Entwicklerzusammensetzung.

Title (fr)

Composition de développement contenant du carbone fluoré.

Publication

**EP 0042224 A1 19811223 (EN)**

Application

**EP 81302338 A 19810527**

Priority

US 15993980 A 19800616

Abstract (en)

A flowable, dry powder of particles of a developing composition are provided. The compositions may be either heat or pressure-fixable and utilize from about 0.4 to 3 parts by weight of fluorinated carbon per 100 parts by weight of a thermoplastic binder and a magnetically responsive material. The fluorinated carbon has a degree of fluorination in the range of 10% to 63% and an average diameter below about 2 microns. The developing powder compositions possess improved flow humidity resistance and provide dramatically improved copy quality.

IPC 1-7

**G03G 9/08**

IPC 8 full level

**G03G 9/08** (2006.01); **G03G 9/083** (2006.01); **G03G 9/087** (2006.01); **G03G 9/09** (2006.01)

CPC (source: EP)

**G03G 9/0904** (2013.01)

Citation (search report)

- US 4141849 A 19790227 - HASEGAWA TETSUO, et al
- FR 2386847 A1 19781103 - MITA INDUSTRIAL CO LTD [JP]
- US 3639245 A 19720201 - NELSON ROBERT B [US]
- JP H10153676 A 19980609 - TOSHIBA CORP
- JAPANESE PATENTS GAZETTE, Part I, Chemical, December 1, 1976, London, GB, part G, page 7, column 1, Abstract 80155 x 143 \* entire articlel \* & JP - A - 51 101536 (Fuji Xerox)

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EP0132611A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0042224 A1 19811223**; **EP 0042224 B1 19840404**; CA 1160497 A 19840117; DE 3162946 D1 19840510; JP S5735869 A 19820226

DOCDB simple family (application)

**EP 81302338 A 19810527**; CA 378122 A 19810522; DE 3162946 T 19810527; JP 9292281 A 19810616