

Title (en)

Thermally conducting fluoroplastic random copolymer fuser member composition

Title (de)

Zusammensetzung eines thermisch leitenden fluorplastischen statistischen Copolymers für ein Fixierelement

Title (fr)

Composition de copolymère statistique fluoroplastique thermoconductive pour un dispositif de fusion

Publication

**EP 1168102 A3 20100929 (EN)**

Application

**EP 01113602 A 20010615**

Priority

US 60731200 A 20000630

Abstract (en)

[origin: EP1168102A2] A fuser member comprising a support and a layer overlying the support, the layer including a fluorocarbon thermoplastic random copolymer, a curing agent having a bisphenol residue, a particulate filler containing zinc oxide, an aminosiloxane, and a particulate filler containing aluminum oxide, the cured fluorocarbon thermoplastics random copolymer having subunits of: ##### (CH<sub>2</sub>CF<sub>2</sub>)<sub>x</sub>##, ##(CF<sub>2</sub>CF(CF<sub>3</sub>))<sub>y</sub>##, and ##(CF<sub>2</sub>CF<sub>2</sub>)<sub>z</sub>##, wherein x is from 1 to 50 or 60 to 80 mole percent, y is from 10 to 90 mole percent, z is from 10 to 90 mole percent, and x + y + z equal 100 mole percent.

IPC 8 full level

**G03G 15/20** (2006.01)

CPC (source: EP)

**G03G 15/2057** (2013.01)

Citation (search report)

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Cited by

EP1296197A3; EP1227373B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

**EP 1168102 A2 20020102; EP 1168102 A3 20100929**

DOCDB simple family (application)

**EP 01113602 A 20010615**