

Title (en)

COMPOSITION FOR IMAGING MEMBER LAYERS AND METHOD FOR ITS PRODUCTION

Publication

EP 0435630 A3 19911016 (EN)

Application

EP 90314186 A 19901221

Priority

US 45926589 A 19891229

Abstract (en)

[origin: EP0435630A2] An electrically conductive, semi-transparent, imaging member layer includes a polymer having carbon black particles contained therein. The polymer is obtained by dispersing carbon black particles in polymer reactants prior to and/or during polymerization of the polymer. The carbon black particles become intimately connected with other carbon black particles through polymeric chains formed when the polymer forming reactants are reacted through free radical polymerization in the presence of carbon particles. The layer can have comparable conductivity with that of dispersed carbon particles in a polymer matrix, with between 10 and 50 times less carbon black particle loading.

IPC 1-7

G03G 5/10

IPC 8 full level

G03G 5/14 (2006.01); **G03G 5/10** (2006.01)

CPC (source: EP)

G03G 5/104 (2013.01)

Citation (search report)

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