

Title (en)

Electrophotographic elements containing preferred pigment particle size distribution

Title (de)

Elektrophotographische Elemente mit bevorzugter Pigment-Teilchengrößenverteilung

Title (fr)

Éléments électrophotographiques contenant la distribution préférée des dimensions de particules de pigment

Publication

**EP 0807857 A1 19971119 (EN)**

Application

**EP 97201353 A 19970506**

Priority

US 65006896 A 19960517

Abstract (en)

An electrophotographic element comprising an electrically conductive support, a barrier layer and a photoconductive layer containing a polymeric binder having dispersed therein charge generating pigments (a) selected from the group consisting of titanyl fluorophthalocyanines and cocrystalline mixtures of titanyl fluorophthalocyanine and unsubstituted titanyl phthalocyanine and (b) having a particle size from 0.05 to 0.7  $\mu\text{m}$ , up to 30% of the particles are smaller than 0.15  $\mu\text{m}$  and less than 8% of such particles are larger than 0.6  $\mu\text{m}$ .

IPC 1-7

**G03G 5/06**

IPC 8 full level

**G03G 5/06** (2006.01)

CPC (source: EP)

**G03G 5/0696** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 095, no. 006 31 July 1995 (1995-07-31)
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