

Title (en)  
Toner for electrophotography

Title (de)  
Toner für die Elektrophotographie

Title (fr)  
Toner électrophotographique

Publication  
**EP 1347342 B1 20110803 (EN)**

Application  
**EP 03006072 A 20030319**

Priority  
JP 2002077856 A 20020320

Abstract (en)  
[origin: EP1347342A1] The present invention aims to provide a safer toner having lower content of residual bisphenol A, which has been suspected of an endocrine disrupting chemical. <??>A toner for electrophotography which contains a coloring agent, and a binder resin, in which the binder resin is a polyol resin which is prepared by reacting a) an epoxy resin, b) a compound having one or more active hydrogen atoms which react with an epoxy group in molecules of the compound having one or more active hydrogen atoms, and c) a compound having two or more active hydrogen atoms which react with an epoxy group in molecules of the compound having two or more active hydrogen atoms, a weight concentration of unreacted bisphenol A in the toner is 1000  $\mu$ g/g or less, and the toner has an epoxy equivalent of 20000 or more.

IPC 8 full level  
**G03G 9/087** (2006.01)

CPC (source: EP)  
**G03G 9/08753** (2013.01); **G03G 9/08759** (2013.01); **G03G 9/08786** (2013.01); **G03G 9/08791** (2013.01); **G03G 9/08793** (2013.01); **G03G 9/08795** (2013.01); **G03G 9/08797** (2013.01)

Cited by  
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