

Title (en)  
Electrophotographic image forming method

Title (de)  
Elektrofotografisches Bilderzeugungsverfahren

Title (fr)  
Procédé de formation d'images électro-photographiques

Publication  
**EP 2065757 A1 20090603 (EN)**

Application  
**EP 07121966 A 20071130**

Priority  
EP 07121966 A 20071130

Abstract (en)  
An image forming method including electrostatic image forming step, developing step, transferring step, fixing step and oil application step for applying an oil to a fixing member, wherein the toner includes a binder resin, a colorant and a wax, and the relationship  $(A2/A1) \times 100 < 200$  is satisfied, wherein A1 represents the area of the oil dropped on a pellet of the toner measured 30 seconds after dropping the oil, and A2 represents the area of the dropped oil measured 24 hours after dropping the oil. Alternatively, the relationships  $(X1 - X2) < 0.5$  atomic percent,  $X1 > 1.0$  atomic percent, and  $X2 > 1.0$  atomic percent, are satisfied, wherein X1 and X2 represent amounts of Si atoms of the silicone oil measured by subjecting the toner image to X-ray photoelectron spectroscopy at times 5 minutes and 24 hours, respectively, after fixing the toner image.

IPC 8 full level  
**G03G 9/087** (2006.01); **G03G 11/00** (2006.01); **G03G 15/00** (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP)  
**G03G 9/08755** (2013.01); **G03G 9/08782** (2013.01); **G03G 9/08795** (2013.01); **G03G 11/00** (2013.01); **G03G 15/2025** (2013.01)

Citation (applicant)  

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