

Title (en)  
DEVELOPER AND DEVELOPING PROCESS USING SAID DEVELOPER

Publication  
**EP 0422892 A3 19910529 (EN)**

Application  
**EP 90311048 A 19901009**

Priority  
• JP 4951390 A 19900302  
• JP 26224389 A 19891009

Abstract (en)  
[origin: EP0422892A2] Disclosed is a two-component type developer comprising a toner having an electroconductivity lower than  $3.5 \times 10^{-10}$  S/cm, in which an amino group-containing silicone resin is used as the coating resin for a magnetic carrier. By using the amino group-containing silicone resin as the coating resin for the magnetic carrier, reduction of the image density caused by a lowly electroconductive toner is prevented, and even in a color developer for which a lowly electroconductive toner is used, a high-density image can be formed. According to a developing process using this developer, the development is possible even under a high bias voltage condition, and a high-quality image having a high density can be formed.

IPC 1-7  
**G03G 9/08**; **G03G 9/113**

IPC 8 full level  
**G03G 9/08** (2006.01); **G03G 9/09** (2006.01); **G03G 9/113** (2006.01); **G03G 15/09** (2006.01)

CPC (source: EP)  
**G03G 9/0823** (2013.01); **G03G 9/1136** (2013.01)

Citation (search report)  
• [A] US 4242434 A 19801230 - HIRAKURA KOJI [JP], et al  
• [A] GB 2119108 A 19831109 - XEROX CORP  
• [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 266 (P-735)(3113) 26 July 1988, & JP-A-63 50866 (MINOLTA CAMERA CO.,LTD.) 03 March 1988,

Cited by  
EP0915386A3; US9897935B2

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CH DE ES FR GB LI NL

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**EP 0422892 A2 19910417**; **EP 0422892 A3 19910529**; **EP 0422892 B1 19950215**; DE 69016913 D1 19950323; DE 69016913 T2 19950608; ES 2071037 T3 19950616; JP 2648221 B2 19970827; JP H03200978 A 19910902

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