

Title (en)  
ELECTROPHOTOGRAPHIC APPARATUS

Publication  
**EP 0398262 A3 19910313 (EN)**

Application  
**EP 90109155 A 19900515**

Priority  
JP 12386989 A 19890516

Abstract (en)  
[origin: EP0398262A2] An electrophotographic apparatus of the type in which a photosensitive member is charged by atmospheric discharge, is equipped with an air filter including a substrate comprising at least one metal selected from the group consisting of aluminum, iron, aluminum alloy and iron alloy, and a coating layer formed on the substrate comprising an ozone remover. The substrate is effective in removing NO<sub>x</sub> and HNO<sub>3</sub> and has a long life while not hindering the ozone-removing action of the ozone remover disposed thereon, whereby the apparatus can show excellent electrophotographic performances even after successive use while preventing deterioration due to ozone, NO<sub>x</sub> and HNO<sub>3</sub> produced by the atmospheric discharge.

IPC 1-7  
**G03G 21/00**

IPC 8 full level  
**G03G 15/02** (2006.01); **B01D 53/66** (2006.01); **G03G 21/00** (2006.01); **G03G 21/20** (2006.01)

CPC (source: EP)  
**G03G 21/206** (2013.01)

Citation (search report)  
• [X] DE 3026969 A1 19810212 - CANON KK  
• [A] US 4680040 A 19870714 - GOORAY ARTHUR M [US], et al  
• [A] DE 3433093 A1 19860320 - BERGWERKSVERBAND GMBH [DE]  
• [AP] PATENT ABSTRACTS OF JAPAN vol. 013, no. 279 (P - 891)<3627> 27 June 1989 (1989-06-27)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 120 (C - 343)<2177> 6 May 1986 (1986-05-06)

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Designated contracting state (EPC)  
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**EP 0398262 A2 19901122; EP 0398262 A3 19910313; JP H02303518 A 19901217**

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