

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_x and HNO₃ 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_x and HNO₃ 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)
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• [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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US7885572B2

Designated contracting state (EPC)
DE FR GB IT

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