

Title (en)  
AN IMAGE FORMING APPARATUS

Publication  
**EP 0312230 A3 19891011 (EN)**

Application  
**EP 88309163 A 19881003**

Priority  
• JP 25129587 A 19871005  
• JP 25129687 A 19871005

Abstract (en)  
[origin: EP0312230A2] An image forming apparatus includes a cleaning blade (6A) cleaning a photosensitive member (1) and a contact charging blade (2) for charging the photosensitive member. The contact charging blade is contacted to the photosensitive member with a frictional coefficient which is smaller than the frictional coefficient at which the cleaning blade is contacted to the photosensitive member. The photosensitive member and the blades are protected from wearing and damage even if the contact charging blade is contacted to such a portion of the photosensitive member which is free from residual matter due to the function of the cleaning blade. In addition, the service life of the contact charging blade can be expanded to be substantially equal to that of the cleaning blade, and therefore, the present invention is particularly effective when both of the blades are provided in a process cartridge detachably mountable into a main assembly of the apparatus.

IPC 1-7  
**G03G 21/00**; **G03G 15/02**

IPC 8 full level  
**G03G 15/02** (2006.01); **G03G 21/00** (2006.01); **G03G 21/18** (2006.01)

CPC (source: EP)  
**G03G 15/0216** (2013.01); **G03G 21/0011** (2013.01); **G03G 21/1814** (2013.01); **G03G 2221/1618** (2013.01); **G03G 2221/1654** (2013.01); **G03G 2221/1669** (2013.01); **G03G 2221/1693** (2013.01); **G03G 2221/183** (2013.01)

Citation (search report)  
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• [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 338 (P-516)(2394) 15 November 1986; & JP-A-61 140 972 (KONSHIROKU PHOTO IND) 28-06-1986  
• [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 176 (P-214)(1321) 4 August 1983; & JP-A-58 079 277 (CANON) 13-05-1983  
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Designated contracting state (EPC)  
DE GB IT

DOCDB simple family (publication)  
**EP 0312230 A2 19890419**; **EP 0312230 A3 19891011**; **EP 0312230 B1 19940525**; DE 3889708 D1 19940630; DE 3889708 T2 19940922; FR 2621405 A1 19890407; FR 2621405 B1 19900831

DOCDB simple family (application)  
**EP 88309163 A 19881003**; DE 3889708 T 19881003; FR 8813029 A 19881005