

Title (en)

Process cartridge and image forming system on which process cartridge is mountable

Title (de)

Prozesskassette und Bilderzeugungssystem mit einbaubarer Prozesskassette

Title (fr)

Cartouche de traitement et système de formation d'images avec cartouche de traitement à installation facile

Publication

**EP 0576757 B1 19970319 (EN)**

Application

**EP 92308511 A 19920918**

Priority

JP 19466292 A 19920630

Abstract (en)

[origin: EP0576757A2] A process cartridge comprises a first frame in which toner containing means for containing toner used for a developing operation and charger means are mounted, and a second frame which can be engaged by and disengaged from the first frame, and in which an image bearing member, developing means and cleaning means are mounted. With this arrangement, the assembling ability and disassembling ability are improved remarkably, and the process cartridge is suitable for the re-cycling to contribute to the protection of the earth-environment.  
<IMAGE>

IPC 1-7

**G03G 15/00**

IPC 8 full level

**B41J 2/44** (2006.01); **G03G 15/00** (2006.01); **G03G 15/02** (2006.01); **G03G 21/18** (2006.01)

CPC (source: EP KR)

**G03G 15/00** (2013.01 - KR); **G03G 21/1633** (2013.01 - EP); **G03G 21/1647** (2013.01 - EP); **G03G 21/181** (2013.01 - EP); **G03G 21/1817** (2013.01 - EP); **G03G 2215/00987** (2013.01 - EP); **G03G 2221/1612** (2013.01 - EP); **G03G 2221/1853** (2013.01 - EP); **G03G 2221/1876** (2013.01 - EP)

Citation (examination)

EP 0437097 A2 19910717 - KONISHIROKU PHOTO IND [JP]

Cited by

CN110069002A

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0576757 A2 19940105**; **EP 0576757 A3 19940309**; **EP 0576757 B1 19970319**; CN 1049986 C 20000301; CN 1081261 A 19940126; DE 69218423 D1 19970424; DE 69218423 T2 19970814; JP 3270122 B2 20020402; JP H0619241 A 19940128; KR 0123924 B1 19971126; KR 940006006 A 19940322; MX 9205522 A 19940131

DOCDB simple family (application)

**EP 92308511 A 19920918**; CN 92111666 A 19920928; DE 69218423 T 19920918; JP 19466292 A 19920630; KR 920017623 A 19920926; MX 9205522 A 19920928