

Title (en)

Process cartridge and image forming apparatus usable therewith.

Title (de)

Arbeitseinheit und Bilderzeugungsgerät mit einer solchen Einheit.

Title (fr)

Unité de traitement et appareil de formation d'images utilisant une telle unité.

Publication

EP 0485271 A2 19920513 (EN)

Application

EP 91402953 A 19911105

Priority

- JP 5444691 A 19910319
- JP 30177990 A 19901106

Abstract (en)

A process cartridge detachably mountable to an image forming apparatus includes an image bearing member; process device actable on the image bearing member; a first frame containing the image bearing member and the process device; and a second frame engageable with and disengageable from the first frame and containing a developer container. <IMAGE>

IPC 1-7

G03G 15/00

IPC 8 full level

G03G 15/16 (2006.01); **G03G 21/18** (2006.01)

CPC (source: EP KR)

G03G 15/16 (2013.01 - KR); **G03G 21/181** (2013.01 - EP); **G03G 21/1817** (2013.01 - EP); **G03G 2215/00987** (2013.01 - EP); **G03G 2221/1633** (2013.01 - EP); **G03G 2221/1648** (2013.01 - EP); **G03G 2221/1651** (2013.01 - EP); **G03G 2221/1654** (2013.01 - EP); **G03G 2221/1669** (2013.01 - EP); **G03G 2221/1853** (2013.01 - EP); **G03G 2221/1876** (2013.01 - EP)

Cited by

US6118958A; CN1037128C; US5828928A; EP0917022A3; EP0576758A3; US5669042A; EP0586041A3; US5500714A; US5617579A; EP0632342A3; US5689774A; US5652647A; EP0683439A3; AU675615B2; US5870654A; EP2156936A1; EP1096338A1; CN101633226A; US5619309A; EP0634707A3; EP0586044A3; US5543898A; EP0584417A1; US5623328A; US6983113B2; US6273300B2; US6308028B1; US6473577B1; US8254804B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0485271 A2 19920513; **EP 0485271 A3 19920909**; **EP 0485271 B1 19970723**; CN 1040045 C 19980930; CN 1060271 C 20010103; CN 1062795 A 19920715; CN 1066271 C 20010523; CN 1066546 C 20010530; CN 1099879 A 19950308; CN 1114432 A 19960103; CN 1125855 A 19960703; DE 69126947 D1 19970828; DE 69126947 T2 19971120; DE 69132193 D1 20000615; DE 69132193 T2 20000928; DE 69132410 D1 20001012; DE 69132410 T2 20010215; EP 0692745 A2 19960117; EP 0692745 A3 19961120; EP 0692745 B1 20000510; EP 0692746 A2 19960117; EP 0692746 A3 19961120; EP 0692746 B1 20000906; HK 1011754 A1 19990716; HK 1011755 A1 19990716; KR 920010370 A 19920626; KR 970001198 B1 19970129; KR 970001199 B1 19970129; SG 79187 A1 20010320

DOCDB simple family (application)

EP 91402953 A 19911105; CN 91111554 A 19911106; CN 94102879 A 19940311; CN 94115665 A 19940905; CN 95108342 A 19950614; DE 69126947 T 19911105; DE 69132193 T 19911105; DE 69132410 T 19911105; EP 95202631 A 19911105; EP 95202635 A 19911105; HK 98112858 A 19981205; HK 98112859 A 19981205; KR 19960032954 A 19960808; KR 910019663 A 19911106; SG 1996007454 A 19911105