

Title (en)
Image forming apparatus.

Title (de)
Bilderzeugungsgerät.

Title (fr)
Appareil de formation d'images.

Publication
EP 0651300 A2 19950503 (EN)

Application
EP 95100526 A 19920203

Priority
• EP 92912927 A 19920203
• US 65025991 A 19910204
• US 65026091 A 19910204
• US 65032591 A 19910204

Abstract (en)
An image forming apparatus includes an image member (2) supplied to the apparatus in an image member cartridge (3) and a transfer member (10) which engages the image member through an access opening in the cartridge. The transfer member (10) is driven by a motor (40; 212), which may be inside the transfer drum, in the image forming apparatus and in turn drives the image member (2) in the cartridge, eliminating the need for a separate driving connection between the image forming apparatus and the image member cartridge. The cartridge is mounted in the image forming apparatus by a pair of control surfaces (115) which are fixed with respect to the shaft (111) of the transfer drum along with extensions of the shaft (105) of the image member are urged by a spring (120). <IMAGE>

IPC 1-7
G03G 21/18; G03G 15/16

IPC 8 full level
G03G 21/16 (2006.01); **G03G 15/00** (2006.01); **G03G 15/01** (2006.01); **G03G 15/16** (2006.01); **G03G 21/00** (2006.01); **G03G 21/18** (2006.01)

CPC (source: EP)
G03G 15/01 (2013.01); **G03G 15/0131** (2013.01); **G03G 15/1615** (2013.01); **G03G 15/167** (2013.01); **G03G 21/1647** (2013.01);
G03G 21/168 (2013.01); **G03G 21/1853** (2013.01); **G03G 21/1864** (2013.01); **G03G 2215/018** (2013.01); **G03G 2221/1603** (2013.01);
G03G 2221/1642 (2013.01); **G03G 2221/1651** (2013.01); **G03G 2221/1654** (2013.01); **G03G 2221/1657** (2013.01); **G03G 2221/183** (2013.01)

Cited by
US2012251149A1; CN102707601A; US8818238B2

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
WO 9215049 A2 19920903; **WO 9215049 A3 19930121**; DE 69203807 D1 19950907; DE 69203807 T2 19960321; DE 69220510 D1 19970724;
DE 69220510 T2 19971204; EP 0523235 A1 19930120; EP 0523235 B1 19950802; EP 0651300 A2 19950503; EP 0651300 A3 19950920;
EP 0651300 B1 19970618; JP H06501574 A 19940217

DOCDB simple family (application)
US 9200675 W 19920203; DE 69203807 T 19920203; DE 69220510 T 19920203; EP 92912927 A 19920203; EP 95100526 A 19920203;
JP 51158392 A 19920203