

Title (en)
DEVELOPMENT APPARATUS FOR LATENT MAGNETIC IMAGES

Publication
EP 0142446 B1 19880113 (FR)

Application
EP 84402286 A 19841113

Priority
FR 8318282 A 19831117

Abstract (en)
[origin: ES8600816A1] A hollow cylindrical nonmagnetic transfer roller (27) rotates about its axis (28) about 1.5mm away from the recording surface (13) of the magnetic drum (10). It encloses a permanent bar magnet (31) oriented so that the pole (32) nearer to the circular path (29) of the surface opposes the polarity of the magnetised areas (14) of the drum. - The axis of the bar magnet is inclined at an angle (A) to the normal (40) which depends on the linear speed of the surface, and is e.g. 35 deg. at 30 cm/sec, 25 deg. at 10 cm/sec, and 15 deg. at 5 cm/sec.
[origin: ES8600816A1] A hollow cylindrical nonmagnetic transfer roller (27) rotates about its axis (28) about 1.5mm away from the recording surface (13) of the magnetic drum (10). It encloses a permanent bar magnet (31) oriented so that the pole (32) nearer to the circular path (29) of the surface opposes the polarity of the magnetised areas (14) of the drum. - The axis of the bar magnet is inclined at an angle (A) to the normal (40) which depends on the linear speed of the surface, and is e.g. 35 deg. at 30 cm/sec, 25 deg. at 10 cm/sec, and 15 deg. at 5 cm/sec.

IPC 1-7
G03G 19/00; **G03G 15/09**

IPC 8 full level
G03G 15/09 (2006.01); **G03G 15/095** (2006.01); **G03G 19/00** (2006.01)

CPC (source: EP US)
G03G 15/095 (2013.01 - EP US); **G03G 19/00** (2013.01 - EP US)

Cited by
FR2625574A1; EP0336820A1; FR2629606A1; US4901087A

Designated contracting state (EPC)
AT BE CH DE GB IT LI NL SE

DOCDB simple family (publication)
EP 0142446 A1 19850522; **EP 0142446 B1 19880113**; AT E31982 T1 19880115; DE 3468755 D1 19880218; ES 537747 A0 19851016; ES 8600816 A1 19851016; FR 2555329 A1 19850524; FR 2555329 B1 19860214; US 4610527 A 19860909

DOCDB simple family (application)
EP 84402286 A 19841113; AT 84402286 T 19841113; DE 3468755 T 19841113; ES 537747 A 19841116; FR 8318282 A 19831117; US 66290984 A 19841019