

Title (en)

Densitometer diagnostic system for an image forming apparatus

Title (de)

Densitometer-Diagnosesystem für ein Bilderzeugungsgerät

Title (fr)

Système de diagnostic pour densitomètre d'un appareil de formation d'images

Publication

EP 1197807 A3 20051012 (DE)

Application

EP 01123361 A 20011010

Priority

US 68764700 A 20001013

Abstract (en)

[origin: EP1197807A2] The system has a transmitter (124), a receiver (126) of transmissions from the transmitter, an amplifier circuit for producing at least one output voltage based on a current signal from the receiver and a diagnostic circuit for connecting the amplifier circuit and the transmitter and for reducing the drive current to the transmitter. A current source provides a reference current to the amplifier circuit. Independent claims are also included for the following: an image generation device and a method of diagnosing a densitometer system in an image generation device.

IPC 1-7

G03G 15/00

IPC 8 full level

G03G 21/00 (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP US)

G03G 15/5041 (2013.01 - EP US); **G03G 2215/00042** (2013.01 - EP US)

Citation (search report)

- [XY] US 5773827 A 19980630 - YAZDY MOSTAFA R [US], et al
- [X] EP 0482866 A2 19920429 - XEROX CORP [US]
- [X] US 4553033 A 19851112 - HUBBLE III FRED F [US], et al
- [Y] US 5574544 A 19961112 - YOSHINO KUNIHISA [JP], et al
- [A] EP 0505079 A1 19920923 - MINNESOTA MINING & MFG [US]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1197807 A2 20020417; **EP 1197807 A3 20051012**; CA 2358616 A1 20020413; CA 2358616 C 20040727; DE 10149966 A1 20020418; JP 2002132096 A 20020509; JP 4027067 B2 20071226; US 6385411 B1 20020507

DOCDB simple family (application)

EP 01123361 A 20011010; CA 2358616 A 20011011; DE 10149966 A 20011010; JP 2001312635 A 20011010; US 68764700 A 20001013