

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)

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