

Title (en)

Developer mix monitoring for replaceable developer stations.

Title (de)

Entwicklermischungssteuerung für austauschbare Entwicklereinheiten.

Title (fr)

Contrôle de mélange de révélateur pour postes de révélateur remplaçables.

Publication

**EP 0380626 B1 19940302 (EN)**

Application

**EP 89908306 A 19890627**

Priority

- US 21496788 A 19880705
- US 21597188 A 19880707

Abstract (en)

[origin: WO9000728A1] A toner monitor (125) in an electrostatographic machine is automatically calibrated when a new replaceable development station (10) is loaded into the machine. The detected toner concentration in the development station is used by the monitor as a reference signal against which future readings are compared. The reference signal is reset upon machine power-up to correspond to the detected toner concentration in the development station (10), but only when there is a fresh development station in the machine. Resetting the reference signal only when there is a fresh development station prevents erroneous reference signals which would result if the developer mix concentration was other than perfect at power-down.

IPC 1-7

**G03G 15/08**

IPC 8 full level

**G03G 15/08** (2006.01)

CPC (source: EP)

**G03G 15/0849** (2013.01); **G03G 15/0853** (2013.01); **G03G 15/0896** (2013.01)

Cited by

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Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**WO 9000728 A1 19900125**; DE 68913503 D1 19940407; DE 68913503 T2 19940728; EP 0380626 A1 19900808; EP 0380626 B1 19940302; JP H03501658 A 19910411

DOCDB simple family (application)

**US 8902861 W 19890627**; DE 68913503 T 19890627; EP 89908306 A 19890627; JP 50801989 A 19890627