

Title (en)

TONER FEED MEANS FOR A DEVELOPER STATION OF A PRINTER OR A PHOTOCOPIER

Title (de)

TONERZUFÜHREINRICHTUNG FÜR EINE ENTWICKLERSTATION EINES DRUCK- ODER KOPIERGERÄTES

Title (fr)

DISPOSITIF D'ALIMENTATION EN TONER POUR L'ETAGE DE DEVELOPPEMENT D'UN APPAREIL D'IMPRESSION OU D'UN PHOTOCOPIEUR

Publication

**EP 0858619 B1 19990407 (DE)**

Application

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Priority

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Abstract (en)

[origin: WO9716769A1] The invention relates to pneumatic toner feed means for a developer station of a printer or a copier. The said means contains toner storage containers (A, B) each allocated to the developer chambers of the developer station and acting as intermediate storage units which are linked to the developer chambers of the developer station by supply ducts (ZK). The toner is supplied from bottle-shaped transport containers (TA, TB) by a vacuum transport means to the toner storage containers (A, B) which have controllable solenoid valves (VA, VB). The toner level is detected by way of control means (C) with associated capacitive sensors (15/1, 15/2), and when it exceeds a predetermined level the valves are opened; there is therefore automatic toner refill. The control means (C) may contain a priority control system (PS) which preferably refills toner of the main printing colour.

IPC 1-7

**G03G 15/08**

IPC 8 full level

**G03G 15/08** (2006.01)

CPC (source: EP US)

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Cited by

US9872790B2; US9629417B2; USD835898S; US9681705B2; US9700101B2; US10702409B2; US10182935B2; US11304838B2

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