Title (en)

A device for large format printing comprising a single central conditioning unit for controlling and monitoring the condition of the developer

Title (de)

Grossformatdrucker mit einer zentralen Konditioniereinheit zur Kontrolle und Überwachung des Entwicklerzustandes

Title (fr)

Appareil d'impression pour imprimer à grand format avec une unité central de conditionnement pour commander et surveiller de la condition d'un révélateur

Publication

EP 1003083 A1 20000524 (EN)

Application

EP 98203873 A 19981116

Priority

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Abstract (en)

A large format single pass printer, having a printing width (PW) for printing a toner image on a substrate, the substrate having a width (WS) and a length (LS), comprising a printhead structure with an array of printing apertures, with length, LA, and control electrodes associated therewith, a charged toner conveyer, CTC, with a length, LCTC ≥ LA and a number n, equal to or larger than 2, of toner applicators with width PWEi < LCTC for applying charged toner particles to said CTC, said number n being chosen such that <MATH> wherein i) a single central conditioning unit for controlling and monitoring the condition of the developer is provided, and ii)the central conditioning unit is equipped with means for circulating the developer to all of the toner applicators and back to the central unit. <IMAGE>

IPC 1-7

G03G 15/08; G03G 15/34

IPC 8 full level

B41J 2/385 (2006.01); **G03G 15/05** (2006.01); **G03G 15/08** (2006.01); **G03G 15/34** (2006.01)

CPC (source: EP)

G03G 15/08 (2013.01); **G03G 15/346** (2013.01)

Citation (applicant)

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