

Title (en)

Process isolation program for an electrophotographic marking apparatus

Title (de)

Prozessisoliationsprogramm für einen elektrophotographischen Markierungsapparat

Title (fr)

Programme d'isolation de processus pour un appareil électrophotographique de marquage

Publication

EP 1179754 A2 20020213 (DE)

Application

EP 01110023 A 20010426

Priority

US 57252100 A 20000517

Abstract (en)

[origin: WO0188616A2] An electrophotographic marking machine and associated marking engine control configured to permit a process isolation in the electrophotographic process. The process isolation allows a controlled termination of the electrophotographic process at any point under control of the marking engine controller. The controlled termination is done to preclude the influence of an emergency or hard stop.

[origin: WO0188616A2] An electrophotographic marking machine (10) and electrophotographic process wherein the machine (10) has a logic and control unit (24) programmed to complete a print mode operation wherein an image recording member such as a belt (18) is moved past a series of workstations in a print mode operation, the control unit (24) being configured to permit a process isolation that interrupts the print mode operation of the machine (10) without causing a hard stop of the machine. The controller (24) is further configured to allow the restart of the interrupted print mode operation from the point of stoppage so the interrupted print mode can be completed.

Abstract (de)

Ein elektrophotographischer Markierungsapparat weist eine dazugehörige Markierungsmotorsteuerung auf, die sich dadurch auszeichnet, dass sie so eingestellt ist, eine Prozessisolation in dem elektrophotographischen Vorgang zu ermöglichen. Die Prozessisolation ermöglicht ein Beenden des elektrophotographischen Vorgangs an einen Punkt, wobei das Beenden von der Markierungsmotorsteuerung gesteuert wird. Das gesteuerte Beenden erfolgt, um den Auswirkungen eines Notstops oder harten Stops vorzugreifen. <IMAGE>

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 15/5012 (2013.01 - EP US); **G03G 15/55** (2013.01 - EP US); **G03G 2215/00042** (2013.01 - EP US); **G03G 2215/00054** (2013.01 - EP US)

Citation (applicant)

US 5721621 A 19980224 - KOMAKI YOSHIO [JP], et al

Designated contracting state (EPC)

BE DE GB NL

DOCDB simple family (publication)

WO 0188616 A2 20011122; **WO 0188616 A3 20020704**; AU 6151701 A 20011126; CA 2375264 A1 20011122; CA 2375264 C 20050426; DE 10120949 A1 20011213; EP 1179754 A2 20020213; EP 1179754 A3 20040303; EP 1179754 B1 20140212; JP 2003533739 A 20031111; JP 4694084 B2 20110601; US 6442358 B1 20020827

DOCDB simple family (application)

US 0115415 W 20010511; AU 6151701 A 20010511; CA 2375264 A 20010511; DE 10120949 A 20010426; EP 01110023 A 20010426; JP 2001584949 A 20010511; US 57252100 A 20000517