

Title (en)

Electrophotographic reproduction method having improved fuser

Title (de)

Schmelzfixierverfahren für elektrofotografisches Vervielfältigungsgerät

Title (fr)

Procédé de fixation par fusion pour appareil de reproduction électrophotographique

Publication

EP 0470860 B1 19961120 (EN)

Application

EP 91307358 A 19910809

Priority

US 56558390 A 19900810

Abstract (en)

[origin: EP0470860A2] An electrophotographic printer (11) including a fuser (16, 17) for fusing a toned image onto an envelope (13) passing through a fuser nip (14). Wrinkling and treeing of the envelope (13) is substantially eliminated by removing the pressure on the envelope (13) in the fuser nip (14) for one or more brief intervals during the fusing process. To do this, a solenoid (21) is intermittently driven to remove the force of a spring (18) urging the fuser rolls (16, 17) together. <IMAGE>

IPC 1-7

G03G 15/20

IPC 8 full level

B41J 2/525 (2006.01); **G03G 15/01** (2006.01); **G03G 15/20** (2006.01); **G03G 15/22** (2006.01); **G03G 21/14** (2006.01)

CPC (source: EP)

G03G 15/2064 (2013.01)

Citation (examination)

EP 0413941 A2 19910227 - IBM [US]

Cited by

CN111661697A; CN111703945A; US8346147B2

Designated contracting state (EPC)

DE FR GB

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EP 0470860 A2 19920212; **EP 0470860 A3 19920722**; **EP 0470860 B1 19961120**; BR 9103425 A 19920519; DE 69123197 D1 19970102; DE 69123197 T2 19970417; JP 3219791 B2 20011015; JP H06342248 A 19941213

DOCDB simple family (application)

EP 91307358 A 19910809; BR 9103425 A 19910809; DE 69123197 T 19910809; JP 22329591 A 19910808