Title (en)

METHOD FOR FUSING DEVELOPED IMAGE

Publication

EP 0559299 A3 19931013 (EN)

Application

EP 93201225 A 19890605

Priority

- EP 93201225 A 19890605
- US 20268788 A 19880606
- US 26886188 A 19881108

Abstract (en)

[origin: EP0559299A2] Imaging apparatus, utilizing a liquid developer comprising toner particles and a carrier liquid to produce a developed image, transfer it to a final substrate (100) and fuse and fix the image thereon comprising: a first member (68) having a first contact surface (71) including a silicone material operative to contact the developed image on the final substrate (100) a backing member (70) having a second contact surface, a portion of said second contact surface defining a nip with a portion of said first contact surface wherethrough the final substrate (100) passes a heat source (69) for elevating the temperature of the developed image so as to cause fixing and fusing of the developed image to the final substrate (100) as it passes through the nip and a spring (84) for applying a force through said nip thereby to assist said fusing and fixing of said developed image onto said substrate as it passes between said first and second movable surfaces.

IPC 1-7

G03G 15/20

IPC 8 full level

G03G 15/20 (2006.01)

CPC (source: EP)

G03G 15/2057 (2013.01)

Citation (search report)

- [X] EP 0244199 A2 19871104 - XEROX CORP [US]
- [X] US 4731635 A 19880315 - SZLUCHA THOMAS F [US], et al
- [A] US 3795033 A 19740305 - DONNELLY C, et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 94 (M-374)24 April 1985 & JP-A-59 220 348 (MINOLTA CAMERA KK) 11 December 1984
- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 22 (P-424)(2079) 28 January 1986 & JP-A-60 176 073 (HOKUSHIN KOGYO K.K.) 10 September 1985
- [A] PATENT ABSTRACTS OF JAPAN vol. 5, no. 154 (P-82)(826) 29 September 1981 & JP-A-56 087 073 (SHOWA DENSEN DENRAN K.K.) 15 July 1981

Designated contracting state (EPC)

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DOCDB simple family (publication)

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