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**13.10.93 Bulletin 93/41**(71) Applicant: **SPECTRUM SCIENCES B.V.**  
**Lange Vijverberg 9**  
**NL-2513 AC The Hague(NL)**(72) Inventor: **Landa, Benzion**  
**10010-119 Street**  
**Edmonton, Alberta(CA)**  
Inventor: **Rosen, Josef**  
**21 Miller Street**  
**Rehovot(IL)**(74) Representative: **de Bruijn, Leendert C.**  
**Nederlandsch Octrooibureau**  
**Scheveningseweg 82**  
**P.O. Box 29720**  
**NL-2502 LS Den Haag (NL)**(54) **Method for fusing developed image.**

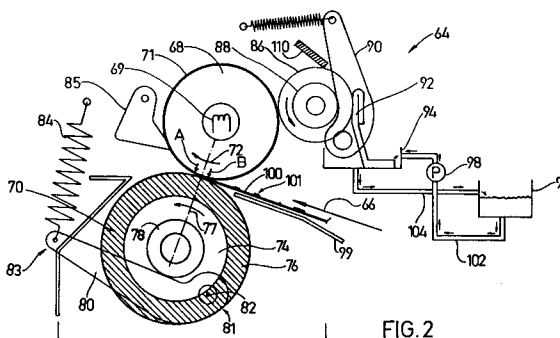
(57) Imaging apparatus, utilizing a liquid developer comprising toner particles and a carrier liquid to produce a developed image, transfer it to a final substrate (100) and fuse and fix the image thereon comprising:

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.

**FIG. 2****EP 0 559 299 A3**



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## EUROPEAN SEARCH REPORT

Application Number

EP 93 20 1225

### DOCUMENTS CONSIDERED TO BE RELEVANT

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	EP-A-0 244 199 (XEROX CORPORATION) * column 5, line 4 - line 21; claim 1; figure 2 * ---	1,9	G03G15/20
X	US-A-4 731 635 (SZLUCHA ET AL.) * column 6, line 9 - line 68; figure 2 * ---	1,9	
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 * abstract * ---	1-3	
A	US-A-3 795 033 (DONNELLY ET AL.) * column 4, line 16 - line 45 * ---	1-3	
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 * abstract * ---	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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 * abstract * -----	1,2	G03G C08L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09 AUGUST 1993	Examiner CIGOJ P.M.
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			