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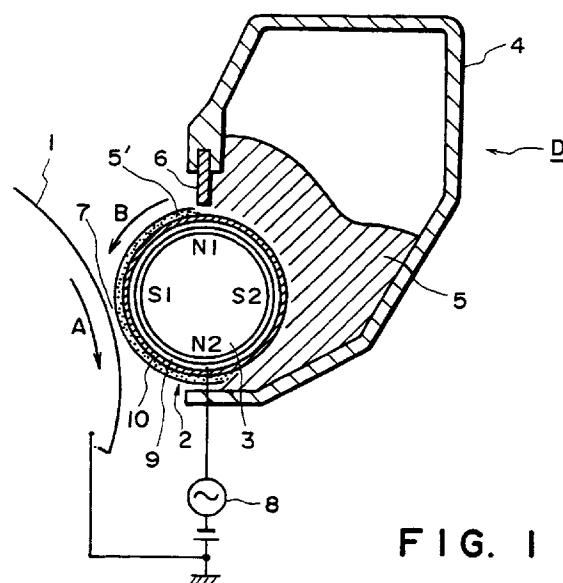
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(54) **Developing apparatus and developer carrying member therefor.**

(57) A developing apparatus (D) for developing an electrostatic latent image includes a movable developer carrying member (2) for carrying a one component developer (5) to a developing zone (7) in which the developer (5) is supplied to an electrostatic latent image bearing member (1); a regulating member (6) for regulating a thickness of a layer of the developer to be carried to the developing zone (7) on the developer carrying member (2); wherein the developer carrying member (2) includes a coating layer (10) comprising a resin arterial in which fine graphite particles are disposed, and wherein this coating layer triboelectrically charges the developer, and the triboelectric charging capacity of this coating layer (10) is larger in the middle region of the developer carrying member (2) than in the end regions in its longitudinal direction.



**FIG. 1**

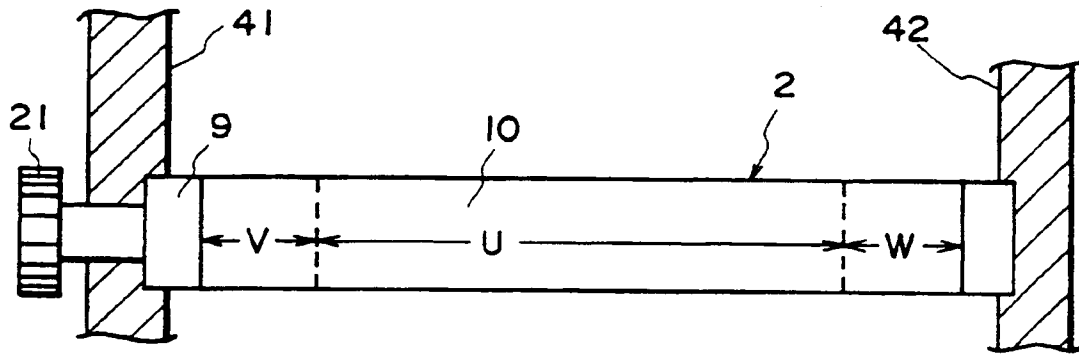


FIG. 3



European Patent  
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# EUROPEAN SEARCH REPORT

Application Number

EP 92 30 4847

| 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.5) |
| A                                                                                                                                                                                                                       | PATENT ABSTRACTS OF JAPAN<br>vol. 8, no. 171 (P-293)(1608) 8 August 1984<br>& JP-A-59 067 566 ( CANON K.K. ) 17 April 1984<br>* abstract *        | 1,6-10, 15                                                                                                                                                                                                                                                                            | G03G15/09                                     |
| A                                                                                                                                                                                                                       | ---<br>PATENT ABSTRACTS OF JAPAN<br>vol. 6, no. 34 (P-104)(912) 2 March 1982<br>& JP-A-56 151 967 ( CANON K.K. ) 25 November 1981<br>* abstract * | 1,9,10, 15                                                                                                                                                                                                                                                                            |                                               |
| A                                                                                                                                                                                                                       | ---<br>EP-A-0 339 944 (CANON KABUSHIKI KAISHA)<br>* page 5, line 26 - page 8, line 19;<br>figures 1-9 *                                           | 1,5-10, 14,15                                                                                                                                                                                                                                                                         |                                               |
| D,A                                                                                                                                                                                                                     | & US-A-4 989 044<br>-----                                                                                                                         |                                                                                                                                                                                                                                                                                       |                                               |
| The present search report has been drawn up for all claims                                                                                                                                                              |                                                                                                                                                   |                                                                                                                                                                                                                                                                                       | TECHNICAL FIELDS SEARCHED (Int. Cl.5)         |
|                                                                                                                                                                                                                         |                                                                                                                                                   |                                                                                                                                                                                                                                                                                       | G03G                                          |
| Place of search                                                                                                                                                                                                         | Date of completion of the search                                                                                                                  | Examiner                                                                                                                                                                                                                                                                              |                                               |
| THE HAGUE                                                                                                                                                                                                               | 26 JANUARY 1993                                                                                                                                   | CIGOJ P.M.                                                                                                                                                                                                                                                                            |                                               |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                             |                                                                                                                                                   |                                                                                                                                                                                                                                                                                       |                                               |
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