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Applicant : **KONICA CORPORATION**  
**26-2, Nishishinjuku 1-chome, Shinjuku-ku**  
**Tokyo 160 (JP)**

Inventor : **Tsujita, Kenji**  
**Konica Corporation, 2970 Ishikawa-cho**  
**Hachioji-shi, Tokyo (JP)**  
Inventor : **Ohmura, Ken**  
**Konica Corporation, 2970 Ishikawa-cho**  
**Hachioji-shi, Tokyo (JP)**  
Inventor : **Kouno, Shigenori**  
**Konica Corporation, 2970 Ishikawa-cho**  
**Hachioji-shi, Tokyo (JP)**

Representative : **Ellis-Jones, Patrick George**  
**Armstrong et al**  
**J.A. KEMP & CO. 14 South Square Gray's Inn**  
**London WC1R 5LX (GB)**

**Carrier for developing electrostatic image.**

A carrier suitable for developing an electrostatic image which comprises core particles coated with a layer comprising fluorocarbon particles and porous resin particles ;  
wherein the porous resin particles are composed of a plurality of elementary resin particles fused together at the surfaces thereof, the elementary resin particles having :  
(a) a particle size of not more than 0.5  $\mu\text{m}$  ;  
(b) a BET specific surface area of from 5 to 150  $\text{m}^2/\text{g}$  ; and  
(c) a volume average particle size of from 1.5 to 5.0  $\mu\text{m}$ .



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number

EP 91 30 6853

| 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) |
| X   | FR-A-2 172 122 (INTERNATIONAL BUSINESS MACHINES CO.)<br>* claims 1-8 *        | 1-9   | G03G9/113                                     |
|   | ----  |   |   |
| A   | EP-A-0 020 181 (XEROX CO.)<br>* claims 1-10 *                                 | 1-9   |   |
|   | ----  |   |   |
| A   | US-A-3 873 355 (INTERNATIONAL BUSINESS MACHINES CO.)<br>* claims 1-6 *        | 1-9   |   |
|   | ----  |   |   |
| A   | EP-A-0 132 611 (ALLIED CO.)<br>* claims 1-13 *                                | 1-9   |   |
|   | -----   |   |   |
|   |   |   | TECHNICAL FIELDS SEARCHED (Int. Cl.5)         |
|   |   |   | G03G  |
| The present search report has been drawn up for all claims  |   |   |   |
| Place of search<br>THE HAGUE  |   | Date of completion of the search<br>15 JANUARY 1992 | Examiner<br>BATTISTIG M, L. A.                |
| <p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone<br/> Y : particularly relevant if combined with another document of the same category<br/> A : technological background<br/> O : non-written disclosure<br/> P : intermediate document</p> <p>T : theory or principle underlying the invention<br/> E : earlier patent document, but published on, or after the filing date<br/> D : document cited in the application<br/> L : document cited for other reasons<br/> .....<br/> &amp; : member of the same patent family, corresponding document</p> |   |   |   |

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