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## EUROPEAN PATENT APPLICATION

21 Application number : **93307268.8**

51 Int. Cl.<sup>5</sup> : **G03G 5/10**

22 Date of filing : **15.09.93**

30 Priority : **16.09.92 JP 246562/92**

43 Date of publication of application :  
**23.03.94 Bulletin 94/12**

84 Designated Contracting States :  
**DE FR GB**

88 Date of deferred publication of search report :  
**02.11.94 Bulletin 94/44**

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54 **Electrophotographic photoreceptor.**

57 An electrophotographic photoreceptor comprising a conductive substrate carrying a photoconductive layer, said substrate being obtainable by etching aluminium or an aluminium alloy with an alkaline etchant comprising (i) an alkali metal hydroxide and (ii) a weakly-acidic salt of an alkali metal and/or an alkaline earth metal, followed by anodizing the thus etched substrate.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 93 30 7268

| 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)    |
| D,Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DATABASE WPI<br>Week 8936,<br>Derwent Publications Ltd., London, GB;<br>AN 89-259992 (36)<br>& JP-A-1 188 860 (MINOLTA CAMERA K.K.) 28<br>July 1989<br>* abstract *<br>--- | 1-5,8-10                         | G03G5/10                                        |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-A-5 079 116 (HIROMICH TACHIKAWA ET AL.)<br>* column 3, line 62 - column 4, line 55;<br>example 1 *<br>---                                                               | 1,3-5,<br>8-10                   |                                                 |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DATABASE WPI<br>Week 9135,<br>Derwent Publications Ltd., London, GB;<br>AN 91-256368 (35)<br>& JP-A-3 166 556 (KONICA CORP.) 18 July<br>1991<br>* abstract *<br>---        | 1,3-5,<br>8-10                   |                                                 |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DATABASE WPI<br>Week 8315,<br>Derwent Publications Ltd., London, GB;<br>AN 83-35241K (15)<br>& JP-A-58 035 544 (RICOH K.K.) 2 March<br>1983<br>* abstract *<br>---         | 1-5,8-10                         | TECHNICAL FIELDS<br>SEARCHED (Int.Cl.5)<br>G03G |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PATENT ABSTRACTS OF JAPAN<br>vol. 6, no. 145 (P-132) 4 August 1982<br>& JP-A-57 064 744 (RICOH CO., LTD.) 20<br>April 1982<br>* abstract *<br>---<br>-/--                  | 1-5,8-10                         |                                                 |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                            |                                  |                                                 |
| Place of search                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                            | Date of completion of the search | Examiner                                        |
| THE HAGUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                            | 7 September 1994                 | Hindia, E                                       |
| CATEGORY OF CITED DOCUMENTS<br>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<br>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>& : member of the same patent family, corresponding document |                                                                                                                                                                            |                                  |                                                 |

EPO FORM 1503 03.82 (P04C01)



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# EUROPEAN SEARCH REPORT

Application Number  
EP 93 30 7268

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                           |                                                      |                                              |
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| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Citation of document with indication, where appropriate, of relevant passages                                                                             | Relevant to claim                                    | CLASSIFICATION OF THE APPLICATION (Int.Cl.5) |
| Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PATENT ABSTRACTS OF JAPAN<br>vol. 5, no. 177 (P-89) (849) 13 November 1981<br>& JP-A-56 106 248 (SHINDENGEN KOGYO K.K.)<br>24 August 1981<br>* abstract * | 1-4,8-10                                             |                                              |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DE-A-39 30 044 (FUJI ELECTRIC CO., LTD.)<br>* claim 1; example 1 *<br>-----                                                                               | 1-10                                                 |                                              |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                           |                                                      | TECHNICAL FIELDS SEARCHED (Int.Cl.5)         |
| Place of search<br>THE HAGUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                           | Date of completion of the search<br>7 September 1994 | Examiner<br>Hindia, E                        |
| <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> |                                                                                                                                                           |                                                      |                                              |

EPO FORM 1503 03.82 (P04C04)