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(54) **Direct thermal recording process**

(57) A direct thermal recording process wherein a direct thermal recording material is heated dot-wise and said direct thermal recording material comprises on a substrate an imaging layer containing uniformly distributed in a film-forming polymeric binder (i) one or more substantially light-insensitive organic silver salts being no double salts, said silver salt(s) being in thermal working relationship with (ii) an organic reducing agent therefor, characterized in that said reducing agent is a benzene compound the benzene nucleus of which is substituted by no more than two hydroxy groups which are present in 3,4-position on said nucleus and have in the 1-position of said nucleus a substituent linked to said nucleus by means of a carbonyl group.

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EUROPEAN SEARCH REPORT

Application Number
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| 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.6) |
| X,D | US-A-3 074 809 (R.OWEN) * column 4, line 52 - column 5, line 36; figure 3 * | 1-10 | B41M5/32 G03C1/498 |
| X | US-A-3 080 254 (E.A.GRANT) * column 3, line 29 - line 43 * * column 3, line 71 - column 4, line 39; claim 1; figure 1 * | 1-10 | |
| X | EP-A-0 582 144 (MINNESOTA MINING AND MANUFACTURING COMPANY) * page 3, line 13 - page 4, line 11 * * page 6, line 9 - line 33; claims 1-4; examples 1-6,12 * | 1-10 | |
| A,D | EP-A-0 599 580 (NIPPON PAPER INDUSTRIES COMPANY LIMITED) * page 3, line 52 - page 5, line 11 * * page 20; example 3 * * examples 1,4,6-8; table 1 * * examples 16-18,20-22 * | 1-10 | |
| | | | TECHNICAL FIELDS SEARCHED (Int.Cl.6) |
| | | | B41M G03C |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 22 January 1996 | Examiner Bacon, A |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>& : member of the same patent family, corresponding document</p> | | | |

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