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Electrophotographic process for forming a visible image.

Electrophotographic process in which a charge pattern is formed on a photoconductive element comprising a charge generating pigment-binder layer and a smooth charge-conveying top layer and the charge pattern is developed with a one-component developing power of which the particles have a specific resistance exceeding 10^{11} Ohm.m. Preferably the electrophotographic process is performed on a photoconductive element comprising a charge generating pigment-binder layer which is composed of a dispersion of an azo dye in a charge-transfer-complex of a polyvinyl carbazole and a nitrated fluorene derivative.



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EUROPEAN SEARCH REPORT

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EP 80 20 0775

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | CLASSIFICATION OF THE APPLICATION (Int. Cl. 3) |
|--|--|--|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | |
| D | <u>GB - A - 1 520 590 (OCE)</u> * Claims; page 1, line 28 - page 4, line 64; page 9, line 31 - page 10, line 5; examples 11, 12 * -- | 1-8 | G 03 G 5/14 9/08 |
| | <u>US - A - 3 956 524 (J.W. WEIGL)</u> * Claims; abstract; figures; column 2, line 65 - column 4, line 7; column 4, lines 23-51 * -- | 1,5,6 | |
| | <u>DE - A - 2 538 112 (KONISHIROKU PHOTO IND.)</u> * Claims; page 8, paragraph 2; page 5, paragraph 2 - page 6, paragraph 1 * & GB - A - 1 503 560 -- | 1 | TECHNICAL FIELDS SEARCHED (Int. Cl. 3) G 03 G 5/14 9/08 9/14 |
| | <u>US - A - 4 164 476 (S. WATANABE)</u> * Claims; abstract * -- | 1 | |
| D | <u>DD - A - 75 233 (G. DREFAHL)</u> * Claims; examples * ---- | 9 | CATEGORY OF CITED DOCUMENTS X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons |
| <input checked="" type="checkbox"/> The present search report has been drawn up for all claims | | | & member of the same patent family, corresponding document |
| Place of search The Hague | | Date of completion of the search 10-12-1980 | Examiner VANHECKE |