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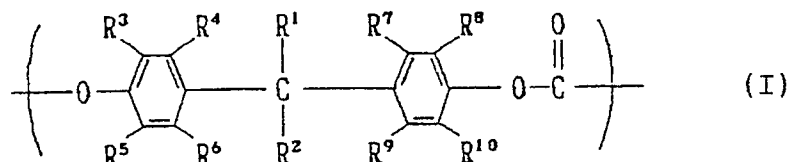
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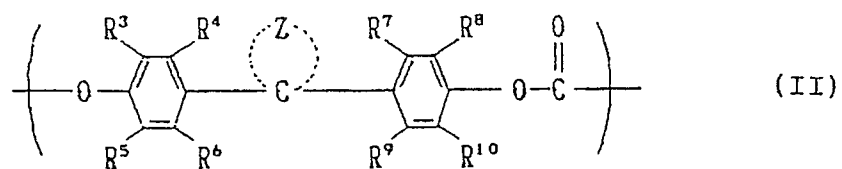
(54) **Photoreceptor.**

(57) Photoreceptor comprising an electroconductive base that has a carrier generation layer formed thereon which is overlaid with a carrier transport layer. This photoreceptor is characterized in that said carrier transport layer comprises at least two constituent layers, that the weight ratio of the content of the carrier transport material to the binder material in a constituent layer which is closer to said electroconductive base is higher than the weight ratio of the content of the carrier transport material to the binder material in a constituent layer which is more remote from said electroconductive base, and that the binder in the outermost constituent layer of said carrier transport layer contains a polycarbonate having as the principal recurring unit a structural unit represented by the following general formula (I) and/or a structural unit represented by the following general formula (II):

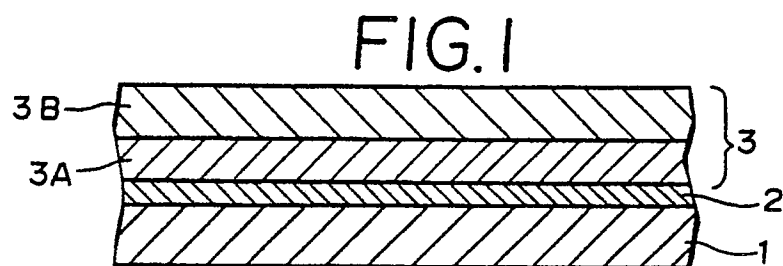


(where R¹ and R² each is a hydrogen atom, a substituted or unsubstituted aliphatic group, a substituted or unsubstituted carbocyclic group, or a substituted or unsubstituted aromatic group, provided that at least one of R¹ and R² is a "bulky" group; and R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹ and R¹⁰ each is a hydrogen atom, a halogen atom, a substituted or unsubstituted aliphatic group, or a substituted or unsubstituted carbocyclic group);

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where R^3 , R^4 , R^5 , R^6 , R^7 , R^8 , R^9 and R^{10} each is same as defined above; Z is the atomic group necessary to form a substituted or unsubstituted carbon ring or a substituted or unsubstituted heterocyclic ring).





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EUROPEAN SEARCH REPORT

Application Number

EP 89 30 8637

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)
Y	US-A-4 637 971 (Y.TAKEI) * column 2, line 63 - column 109, line 6; claims 1-32; figures 1-4 * - - -	1-29	G 03 G 5/14 G 03 G 5/05
Y	PATENT ABSTRACTS OF JAPAN vol. 9, no. 129 (P-361)(1852) 05 June 1985, & JP-A-60 12551 (HITACHI) 22 January 1985, * the whole document * - - - - -	1-29	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G 03 G
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 26 April 91	Examiner VANHECKE H.
CATEGORY OF CITED DOCUMENTS 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 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 ----- &: member of the same patent family, corresponding document			