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(54) **Electroded donor development device with dielectric overcoating**

(57) An overcoating for an electroded donor development device includes injection enabling particles, charge transport molecules and an optional binder resin. This overcoating can be applied to the electrodes of electroded donor devices to protect the electrodes from wear and can also prevent shorting and breakdown.

Possible injection enabling particles include carbon, graphite, fullerene carbon, titanium oxide, aluminium oxide.

Possible charge transport materials comprise diamine resin, hydrazone, carbazole phenyl hydrazone, oxadiazole or mixtures thereof.

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EUROPEAN SEARCH REPORT

Application Number
EP 93 30 8225

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-2 612 307 (CANON KK) 16 September 1988 * page 14, paragraph 4 - page 15, paragraph 2 *	1	G03G15/08
Y,D	US-A-3 996 892 (PARKER DELMER G ET AL) 14 December 1976 * column 4, line 19 - line 50 *	1	
Y	SCHMIDLIN F W 'A NEW NONLEVITATED MODE OF TRAVELING WAVE TONER TRANSPORT' 2 October 1988 , CONFERENCE RECORD OF THE INDUSTRY APPLICATIONS SOCIETY ANNUAL MEETING (IAS), PITTSBURGH, OCT. 2 - 7, 1988, VOL. PART 2, PAGE(S) 1607 - 1611 , INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS XP 000079396 * page 1609, paragraph 1 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			G03G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 December 1995	Examiner Trepp, E
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			

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