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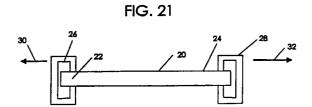
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(54)Deaggregated electrically conductive polymers and precursors thereof

Deaggregated substituted and unsubstitued (57)polyparaphenylenes, polyparaphenylevevinyles, polyanilines, polyazines, polythiophenes, poly-p-phenylene sulfides, polyfuranes, polypyrroles, polyselenophene, polyacetylenes formed from soluble precursors and combinations thereof and copolymers thereof and methods of fabrication are described. The deaggregated polymer molecules when subsequently doped show higher electrical conductivity. Agents such as lithium chloride, m-cresol and nonylphenol are used to deaggregate the polymer molecules. The deaggregating agents can be added prior to or during doping the molecules.





EUROPEAN SEARCH REPORT

Application Number EP 95 12 0081

Category	Citation of document with indicatio of relevant passages	n, where appropriate,	Relevant to claim	CLASSIFICATION OF THI APPLICATION (Int.Cl.6)
A	US-A-4 994 783 (S.I.YAN * the whole document *	IGER) 1	-4	H01B1/12 C08G61/12
A	WO-A-88 06064 (LOCKHEED) * the whole document *)	-4	
Α	FR-A-2 699 542 (THOMSON* the whole document *	-CSF) 1	-4	
A,D	EP-A-0 399 299 (IBM) * the whole document *	.	-4	
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
				H01B C08G
	The present search report has been draw	yn up for all claims		
Place of search THE HAGUE		Date of completion of the search 18 December 1996	D	Examiner LOCK M. C.
X : part Y : part docu A : tech	CATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another iment of the same category nological background written disclosure	T : theory or principle u E : earlier patent docum after the filing date D : document cited in th L : document cited for o	nderlying the ent, but public e application her reasons	ished on, or