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⑤④ **Pitch-based carbon fiber.**

⑤⑦ A high thermal conductivity pitch-based carbon fiber is characterised by having a thermal conductivity in the axial direction of fiber of 300 to 1500 W/m/K, a ratio of stack height (Lc 002) of the crystalline structure of the fiber/density (ρ) of 70 to 500, a degree of agglutination of 0 to 30%, and a compressive strength of 0.2 to 0.5 GPa.

A method of producing high thermal conductivity pitch-based carbon fiber is also disclosed.

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EUROPEAN SEARCH REPORT

Application Number

EP 91 30 9540

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)
A	EP-A-0 338 212 (DU PONT) * Whole document * ---	1-3	D 01 F 9/145
A	US-A-4 389 387 (TAMOTSU MIYAMORI et al.) * Whole document * ---	1-3	
A	EP-A-0 148 560 (UEMURA et al.) * Whole document * -----	1-3	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 01 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29-12-1992	Examiner HELLEMANS W.J.R.
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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