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[54] WHOLLY AROMATIC CARBOCYCLIC  
POLYCARBONAMIDE FIBER HAVING  
ORIENTATION ANGLE OF LESS THAN  
ABOUT 45°

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**Related U.S. Application Data**

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1969, Pat. No. 3,671,542, which is a  
continuation-in-part of Ser. No. 736,410, June 12,  
1968, abandoned, which is a continuation-in-part of  
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a continuation-in-part of Ser. No. 556,934, June 13,  
1966, abandoned.

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C08g 20/20, C08g 20/38  
[58] Field of Search ... 260/78 R, 78 A, 78 S, 47 CZ

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[57] **ABSTRACT**

Fibers of unique internal structure (evidenced by low orientation angle and/or high sonic velocity) and exceptionally high tensile properties (e.g., initial modulus) are prepared from spinning dopes of selected carbocyclic aromatic polyamides in suitable liquid media.

**16 Claims, 9 Drawing Figures**