

[54] **FERMENTATION PROCESS FOR ITS PREPARATION OF POLYSACCHARIDE S-60**

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Related U.S. Application Data

[60] Division of Ser. No. 178,054, Aug. 14, 1980, Pat. No. 4,326,053, which is a continuation-in-part of Ser. No. 47,598, Jun. 8, 1979, abandoned, which is a continuation-in-part of Ser. No. 966,531, Dec. 4, 1978, abandoned.

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[58] Field of Search 435/101, 253, 874

[56] **References Cited**

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[57] **ABSTRACT**

A novel polysaccharide S-60 is disclosed composed of principally carbohydrate, 10-15% protein, and 3-4.5% acetyl groups as the O-glycosidically linked ester. The carbohydrate portion contains about 11% glucuronic acid (based on wt. gum) and the neutral sugars rhamnose and glucose, the latter having an approximate molar ratio of 3 to 2. This polysaccharide is produced by a new Pseudomonas species, *P. elodea*, in a suitable fermentation medium.

4 Claims, No Drawings