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## [54] DENDRITIC MACROMOLECULE AND PROCESS FOR PREPARATION THEREOF

[75] Inventors: **Anders Hult, Täby; Eva Malmstrom, Bandhagen; Mats Johansson, Stockholm; Kent Sörensen, Perstorp, all of Sweden**

[73] Assignee: **Perstorp AB, Perstorp, Sweden**

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*Primary Examiner*—Samuel A. Acquah  
*Attorney, Agent, or Firm*—Scully, Scott, Murphy & Presser

## [57] ABSTRACT

The invention relates to a dendritic macromolecule of the polyester type comprising a central initiator molecule or initiator polymer having one or more reactive hydroxyl groups (A). The groups (A) are under formation of an initial tree structure bonded to reactive carboxyl groups (B) of a monomeric chain extender having the two reactive groups (A) and (B). The tree structure is optionally extended and further branched from the initiator molecule or initiator polymer by addition of further molecules of a monomeric chain extender by means of bonding between the reactive groups (A) and (B) thereof and is thereafter optionally further extended by reaction with a chain stopper. The invention also comprises a process for preparation of the dendritic macromolecule.

**25 Claims, 2 Drawing Sheets**

