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Goldwasser et al.

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[54] SYNTHESIS OF DIHYDROXY-TERMINATED POLY(2,2,3,3,4,4-HEXAFLUOROPENTANE-1,5-DIOL FORMAL)

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[58] Field of Search 528/242, 244, 401

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[57] ABSTRACT

A method of producing dihydroxy-terminated poly(2,2,3,3,4,4-hexafluoropentane-1,5-diol formal) of a desired number average molecular weight by controlling the relative amounts of 1,3-dioxo-5,5,6,6,7,7-hexafluorocyclooctane monomer, 2,2,3,3,4,4-hexafluoropentane-1,5-diol, and the catalyst trifluoromethane sulfonic acid (having a determined activity) used to produce the polymer.

7 Claims, No Drawings