



US 20030088051A1

(19) **United States**

(12) **Patent Application Publication**

Shimoda et al.

(10) **Pub. No.: US 2003/0088051 A1**

(43) **Pub. Date: May 8, 2003**

(54) **PROCESS FOR PREPARING
POLYCARBONATE AND APPARATUS FOR
PREPARING POLYCARBONATE**

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(21) Appl. No.: **10/063,282**

(22) Filed: **Apr. 8, 2002**

(30) **Foreign Application Priority Data**

Jul. 17, 2001 (JP) 2001-217251

Publication Classification

(51) **Int. Cl.⁷** **C08G 64/00**
(52) **U.S. Cl.** **528/196**

(57) **ABSTRACT**

A process for preparing an end-capped polycarbonate comprises melt reacting an aromatic dihydroxy compound, a carbonic acid diester, and optionally a catalyst in a prepolymerization vessel to form a polycarbonate product; transferring the polycarbonate product from the prepolymerization vessel; mixing the polycarbonate product with an end-capping agent under hermetic seal at a pressure of at least about 760 mm Hg; and transferring the polycarbonate product and end-capping agent mixture to a postpolymerization vessel to endcap the polycarbonate product. An apparatus for preparing an end-capped polycarbonate comprises a prepolymerization vessel having an inlet and an outlet; a postpolymerization vessel having an inlet and an outlet; a mixer in fluid communication with the outlet of the prepolymerization vessel and the inlet of the postpolymerization vessel; and a charging port through which an end-capping agent is charged to the mixer, wherein the mixer is hermetically sealed at greater than or equal to 760 mm Hg.