

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
19 June 2003 (19.06.2003)

PCT

(10) International Publication Number
WO 03/050161 A1(51) International Patent Classification⁷: **C08G 64/14**,
64/30

(21) International Application Number: PCT/US02/35115

(22) International Filing Date: 30 October 2002 (30.10.2002)

(25) Filing Language: English

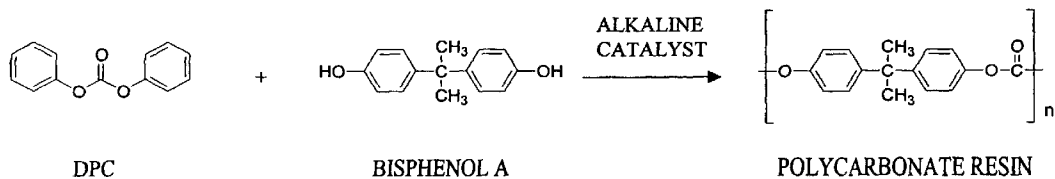
(26) Publication Language: English

(30) Priority Data:
09/683,270 6 December 2001 (06.12.2001) US(71) Applicant: **GENERAL ELECTRIC COMPANY**
[US/US]; 1 River Road, Schenectady, NY 12345 (US).(72) Inventors: **BRACK, Hans, Peter**; Schulhausstrasse 64,
CH-8704 Herrliberg (CH). **KARLIK, Dennis**; Kaatsbaan
36, NL-4611 JX Bergen op Zoom (NL). **VERHOOGT,**
Hendrik; Wilhelminia Druckerweg 19, NL-4105 EP
Culemborg (NL). **GOOSSENS, Johannes, Martinus,**
Dina; Vondellaan 66, NL-4624 HN Bergen op Zoom (NL).(74) Agents: **WINTER, Catherine, J.** et al.; General Elec-
tric Company, 3135 Easton Turnpike (W3C), Fairfield, CT
06828 (US).(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN,
YU, ZA, ZM, ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).**Published:**

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR PREPARING BRANCHED AROMATIC POLYCARBONATES

(57) Abstract: A process for the production of a branched aromatic polycarbonate that includes adding a branching agent to a polycarbonate oligomer, and producing a branched aromatic polycarbonate having a melt index ratio greater than an aromatic polycarbonate produced from the polycarbonate oligomer without the addition of the branching agent. The branching agent has the formula (I): AG_y wherein A is a C₁₋₂₀ polymethylene, C₂₋₂₀ alkylene or alkylidene, C₅₋₃₆ cycloalkylene or cycloalkylidene, C₆₋₃₆ arylene or arylarylene, or C₆₋₃₆ arylalkylene, wherein G is a monovalent C₆₋₃₀ hydrocarbon having at least one hydroxyl group bonded directly to an aromatic or cycloaliphatic ring and y is an integer greater than 2, and wherein each G may be the same or different.