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(21) International Application Number: PCT/US97/12366 (22) International Filing Date: 21 July 1997 (21.07.97) (30) Priority Data: 60/022,538 22 July 1996 (22.07.96) US 60/044,909 25 April 1997 (25.04.97) US (71) Applicants (for all designated States except US): THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US); H.B. FULLER LICENSING & FINANCING INC. [US/US]; 1200 Wolters Boulevard, Saint Paul, MN 55110 (US) (72) Inventors; and (75) Inventors/Applicants (for US only): DUBOIS, Robert, A. [US/US]; 15607 River Maple Lane, Houston, TX 77062 (US); RICKEY, Cynthia, L. [US/US]; 315 Carnation, Lake Jackson, TX 77566 (US); ALBRECHT, Steven, W. [US/US]; 7551 North Shore Circle, Forest Lake, MN 55025 (US); EICHLER, Beth, M. [US/US]; 520 Marshall Avenue, Saint Paul, MN 55102 (US); KAUFFMAN, Thomas, F. [US/US]; 7144 Sherwood Road, Woodbury, MN 55125 (US); LAWRENCE, Maynard [US/US]; 22529 Palisade Street North East, East Bethel, MN 55005 (US); QUINN,		Thomas, H. [US/US]; 950 Fairmount Avenue, Saint Paul, MN 55105 (US) (74) Agent: WARRICK, Noreen, D.; Patent Dept., B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, (SG) SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
(54) Title: HOT MELT ADHESIVES (57) Abstract Disclosed are hot melt adhesives comprising at least one first homogeneous linear or substantially linear ethylene polymer having a particular density and melt viscosity at 350°F (177 °C), and an optional wax and tackifier. In particular, disclosed is a hot melt adhesive characterized by: a) at least one homogeneous linear or substantially linear interpolymer of ethylene with at least one C₃-C₂₀α-olefin interpolymer having a density from 0.850 g/cm³ to 0.895 g/cm³; and b) optionally at least one tackifying resin; and c) optionally at least one wax wherein the hot melt adhesive has a viscosity of less than about 5000 cPs (50 grams/(cm.second)) at 150 °C. Preferred hot melt adhesives for use in adhering cardboard or paperboard are disclosed, as well as the resultant adhered products. Also disclosed is a dual reactor process for the preparation of the inventive hot melt adhesives.		