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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, 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)*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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(54) Title: IONOMER/HIGH DENSITY POLYETHYLENE BLENDS WITH IMPROVED IMPACT RESISTANCE

(57) Abstract: A maleic anhydride modified ethylene polymer/ionomer/high density polyethylene blend having improved impact resistance (e.g., increased low temperature Izod impact) can be achieved by the addition of a maleic anhydride grafted high ethylene derived polymer (e.g., MAN-g-HDPE, MAN-g-VLDPE, MAN-g-EPR, MAN-g-EPDM, and the like) to ionomer and high density polyethylene during blending. The blends exhibiting improved impact resistance characteristics according to the instant invention are particularly useful in the manufacture of automotive parts, panels and the like having a class A surface.

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IPC 7 C08L23/06

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

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A	EP 0 270 924 A (DU PONT) 15 June 1988 (1988-06-15) claims 1,4 -----	1
A	US 4 387 188 A (STATZ ROBERT J) 7 June 1983 (1983-06-07) claims 9,10 ----- -/-	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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International Application No PCT/US 03/01792

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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