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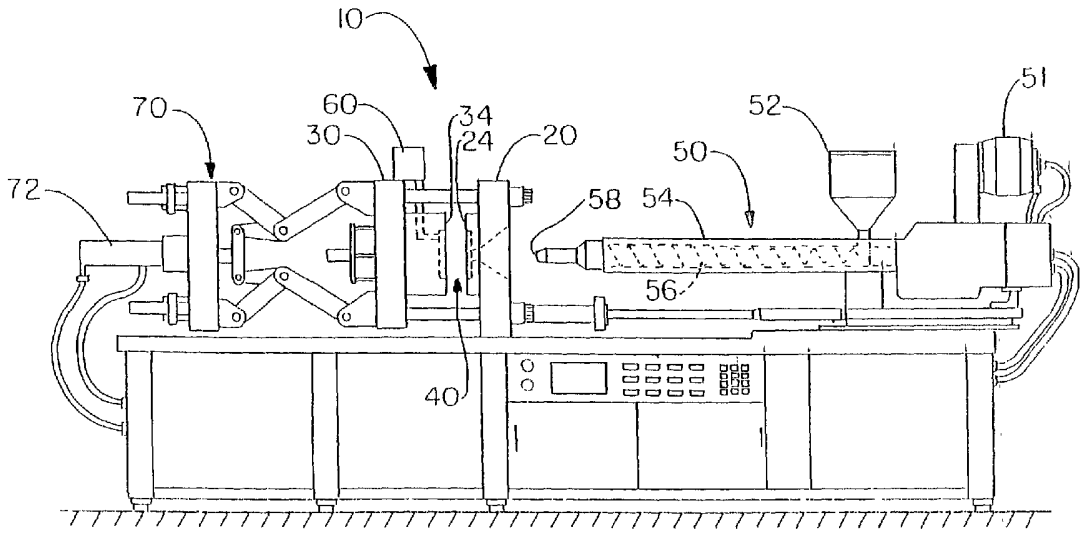
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(54) Title: IN-MOLD PRIMER COATING FOR THERMOPLASTIC SUBSTRATES



(57) Abstract: An in-mold primer coating adapted to be applied in-mold to a thermoplastic substrate and heat cured to form a thermoset surface coating on the molded substrate. The in-mold primer coating comprises a coreactive polymerizable composition comprising an epoxy-acrylate oligomer having a molecular weight from about 350 to about 2500, a hydroxyl functional acrylate or methacrylate, a vinyl aromatic monomer such as styrene, and a small amount of acrylic or methacrylic acid, with the balance being other diacrylate and/or other ethylenically unsaturated monomer(s), if any.

WO 2003/102087 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B29C37/00 B32B7/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C09D C08F B29C B32B

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)
WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 534 888 A (SHANOSKI HENRY ET AL) 13 August 1985 (1985-08-13) cited in the application column 17, line 17 - line 24; claim 1; example 4	1
A	claim 1	2-10
A	EP 0 396 837 A (GENCORP INC) 14 November 1990 (1990-11-14) claims 1,5-7	1-10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Krail, G

INTERNATIONAL SEARCH REPORT

Information on patent family members

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