LAMINATE FOR A FLOWABLE MATERIAL CONTAINER

Abstract: The present invention provides a multiple layered non-PVC containing tubing structure. The tubing structure has a first and a second layer. The first layer is of a polymer blend of: (a) from about 30% to about 50% by weight of the first layer a first polyolefin selected from the group consisting of a first propylene containing polymer, (b) from about 0% to about 50% by weight of the first layer a second polyolefin of an "-olefin containing polymer; (c) from about 0% to about 40% by weight of the first layer a radio frequency susceptible polymer selected from the group consisting of polyamides, ethylene acrylic acid copolymers, ethylene methacrylic acid copolymers, polyimides, polyurethanes, polyesters, polyureas, ethylene vinyl acetate copolymers with a vinyl acetate comonomer content from 18-50% by weight of the copolymer, ethylene methyl acrylate copolymers with methyl acrylate comonomer content from 180%-40% by weight of the copolymer, ethylene vinyl alcohol with vinyl alcohol comonomer content from 15%-70% by mole percent of the copolymer; (d) from about 5% to about 40% of a first thermoplastic elastomer. The second layer is of a non-PVC containing material and is a multiple component polymer blend of from about 25% to about 55% by weight of a second thermoplastic elastomer, 20% to about 45% of a polyester polyether block copolymer, 0-15% ethylene copolymerized with vinyl lower alkyl esters, 0-10% of a second propylene containing polymer and from 0%-35% acrylonitrile butadiene styrene block copolymer.
# INTERNATIONAL SEARCH REPORT

**PCT/US 02/00300**

### A. CLASSIFICATION OF SUBJECT MATTER

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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)**

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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, WPI Data

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

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**X** Further documents are listed in the continuation of box C.

**X** Patent family members are listed in annex.

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**Date of the actual completion of the international search**

22 July 2002

**Date of mailing of the international search report**

30/07/2002

**Name and mailing address of the ISA**

European Patent Office, P.B. 5818 Paterlaan 2 NL - 2280 HV Rijswijk
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Pamies Olle, S

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