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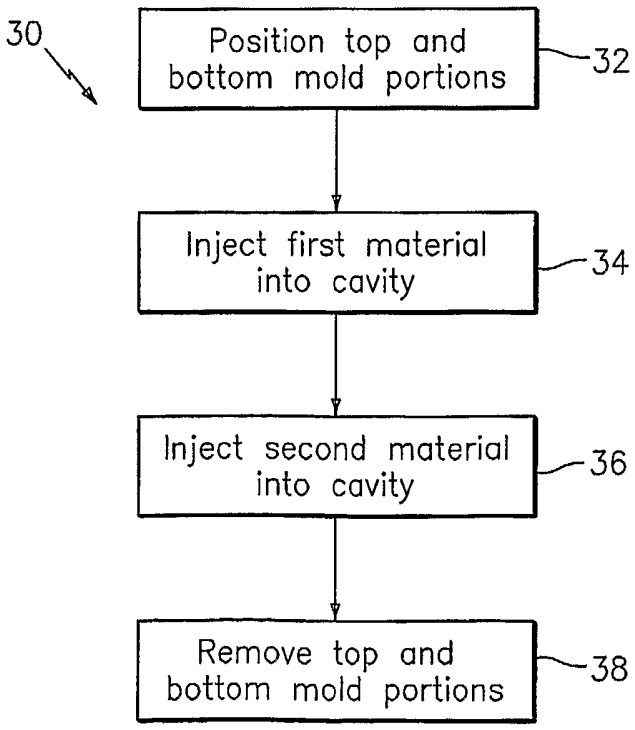
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(54) Title: IN-MOLD MOVABLE PARTS ASSEMBLY



(57) Abstract: Injection molding of first and second materials is performed to create molded moving parts, such as hinges, pantascopic and temple length adjustments, moving components for respirators or indeed, any moving or adjustable part that may be molded. Such molded moving parts are constructed in a multi-shot molding process by injecting a first material (34), e.g., a polypropylene or polycarbonate, for a first component, and injecting a second material (36), e.g. a polyester or nylon, in spaced relationship with the first material. The second material is selected from a moldable material that will not bond to the first material, but which engages and cooperates with the first material to create a moving part. In another embodiment, a third material is introduced to create additional moving parts in a like manner.

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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, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JAROSCHEK C: "DER EISKALTE DREH THE ICE-COLD TRICK" KUNSTSTOFFE, CARL HANSER VERLAG, MUNCHEN, DE, vol. 85, no. 9, 1 September 1995 (1995-09-01), pages 1274-1276, XP000522515 ISSN: 0023-5563 page 1274, column 2, line 1 - page 1275, column 3, line 21; figures 1,2 -----	1-6
X	PATENT ABSTRACTS OF JAPAN vol. 011, no. 266 (M-620), 28 August 1987 (1987-08-28) -& JP 62 068713 A (BANDAI CO), 28 March 1987 (1987-03-28) abstract; figures 1-7 -----	1-8,11, 12

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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	Date of mailing of the international search report
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