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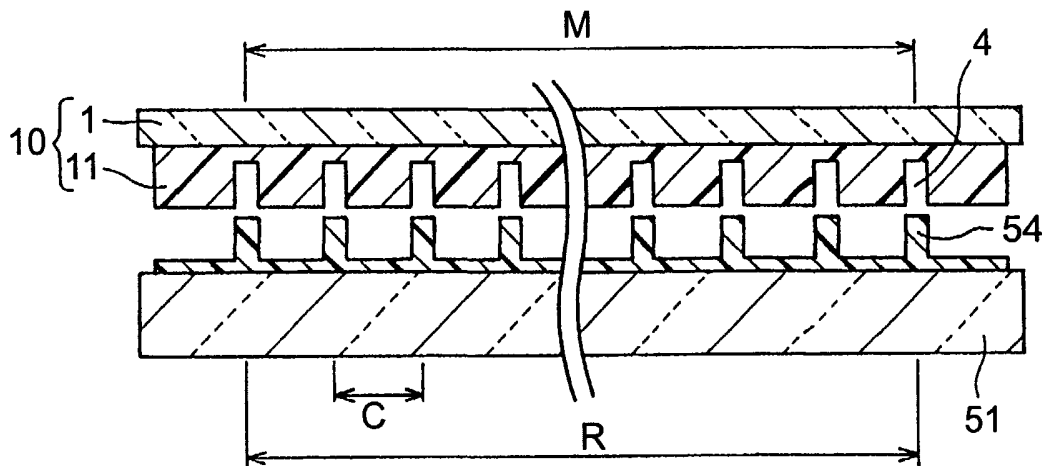
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(54) Title: FLEXIBLE MOLD AND METHOD OF MANUFACTURING MICROSTRUCTURE USING SAME



(57) Abstract: To provide a flexible mold (10) capable of easily and correctly manufacturing protuberances such as PDP ribs at predetermined positions with high dimensional accuracy and to provide a method of manufacturing a micro structure using a flexible mold. A flexible mold (10) comprises a support (1) made of a material having a tensile strength of at least 5 kg/mm² and containing a moisture to saturation at a temperature and a relative humidity at the time of use by moisture absorption treatment applied in advance, and a molding layer (11) having a groove pattern (4) having a predetermined shape and a predetermined size on its surface.



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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29C33/40 B29C33/42 H01J9/24

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 B29C H01J

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)

PAJ, WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	DOMININGHAUS HANS: "Die Kunststoffe und ihre Eigenschaften" 1992, VDI VERLAG, DÜSSELDORF 1992 XP002261712 page 498	1,9
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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G document member of the same patent family

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INTERNATIONAL SEARCH REPORT

International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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