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(54) **Loudspeaker cone and surround assembly.**

(57) A method of making a loudspeaker cone and flexible surround assembly (1,2) comprising arranging an injection moulded plastics cone (1) in the mould cavity of an injection moulding apparatus and injection moulding an elastomeric material onto the periphery of the cone under heat and pressure to form a surround or suspension (2) which is chemically bonded to the material of the cone.

The invention is also a loudspeaker cone and surround assembly wherein the surround (2) is an injection moulding formed directly on to the cone (1).

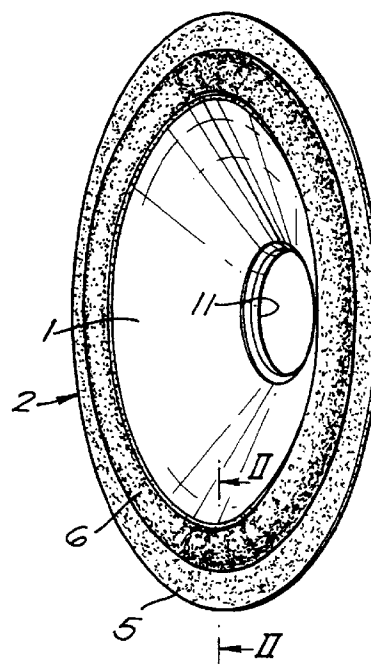


FIG. 1



European Patent
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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	GB-A-2 228 391 (PIONEER ELECTRONIC CORPORATION) * page 6, line 25 - page 19; figures 3-5 * ---	1-3,6-11	H04R7/20 H04R31/00 H04R7/12
X	GB-A-2 056 817 (SEMPERIT AG) * page 1, line 44 - line 89 * ---	1-3,6-11	
X	DE-A-3 241 757 (ELEKTROTECHNIK EHMANN GMBH) * page 6, line 8 - line 13 * * claims 8,9 * ---	1-3,6-11	
X	PATENT ABSTRACTS OF JAPAN vol. 8, no. 49 (E-230)6 March 1984 & JP-A-58 201 496 (SANYO DENKI KK) * abstract * ---	1-4,6-13	
A	WO-A-9 003 710 (NOKIA UNTERHALTUNGSELEKTRONIK) * page 2, line 16 - page 3, line 8 * ---	1,4,14	
A	GB-A-1 604 934 (MORDAUNT-SHORT LTD) * claim 17 * -----	5	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
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Place of search THE HAGUE		Date of completion of the search 19 AUGUST 1992	Examiner GASTALDI G. L.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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