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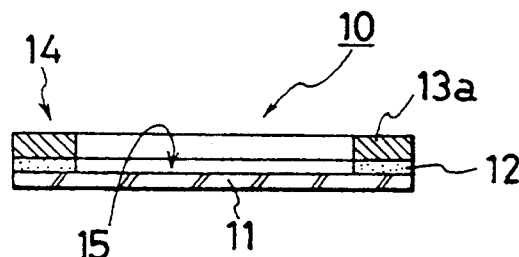
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(54) **Dustproofing film for waveguide and method for production thereof.**

(57) A dustproofing film (10) for a waveguide (4) is disclosed which is characterized by having an adhesive agent (12) applied to a peripheral edge area thereof and having formed in the area surrounded by the peripheral edge area a region not covered at all with any adhering substance and consequently allowing the electromagnetic wave to pass.

A method for the production of a dustproofing film (10) for a waveguide (4) is disclosed which is characterized by cutting a prescribed shape (15) from a double-faced adhesive tape (20), removing a peel paper (13a) from one surface of the adhesive tape (20), attaching the part of the adhesive tape remaining (14) after the removal of the prescribed shape (15) to a film (11) formed of synthetic resin thereby forming a sheet material having formed within the area of the adhesive tape remaining after the removal of the prescribed shape a region (15) covered with neither an adhesive agent or a peel paper and consequently allowing the electromagnetic wave to pass, and cutting a prescribed shape from the sheet material around the periphery of the region for passage of the electromagnetic wave thereby forming around the periphery of the region for passage of the electromagnetic wave a peripheral edge region (14) having a peel paper (13b) attached thereto through the medium of an adhesive agent (12).

FIG. 1





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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)
A	US-A-3 201 296 (KILDUFF ET AL.) * column 2, line 2 - line 59; figures 1,2 * ---	1,5	H01P1/30 H01P11/00
A	PATENT ABSTRACTS OF JAPAN vol. 13, no. 298 (E-784)10 July 1989 & JP-A-1 077 202 (FUJITSU LTD) 23 March 1989 * abstract *	1	
A	PATENT ABSTRACTS OF JAPAN vol. 12, no. 310 (E-648)6 April 1988 & JP-A-63 076 601 (SHARP CORP) 19 September 1986 * abstract *	1,5,6	
A	PATENT ABSTRACTS OF JAPAN vol. 12, no. 469 (E-691)8 December 1988 & JP-A-63 191 401 (MATSUSHITA ELECTRIC IND. CO. LTD.) 8 August 1988 * abstract *	1,5	
A	US-A-3 733 694 (VLIETSTRA) * the whole document * -----	1,5	TECHNICAL FIELDS SEARCHED (Int. Cl.5) H01P H01Q
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 JUNE 1992	Examiner DEN OTTER A.M.
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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