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(54) **Low-noise block-down receiver with an improved housing structure**

(57) A low-noise block-down receiver (LNB) with an improved housing structure according to the invention is disclosed. The low-noise block-down receiver includes a signal processing circuit and a housing which is used to contain the processing circuit and functions as a horn and a wave guide. The housing is made of plastic material and has an inner surface plated with a

metal plating film which has a better electric conductivity and is suitable for conducting microwave. Thus, the housing can efficiently conduct microwaves and prevent both signal leakage and outside noise interference. The low-noise block-down receiver has an improved housing structure instead of the conventional aluminum alloy or other metal alloy-made housing, which can withstand impact and corrosion, and has a low manufacturing cost.

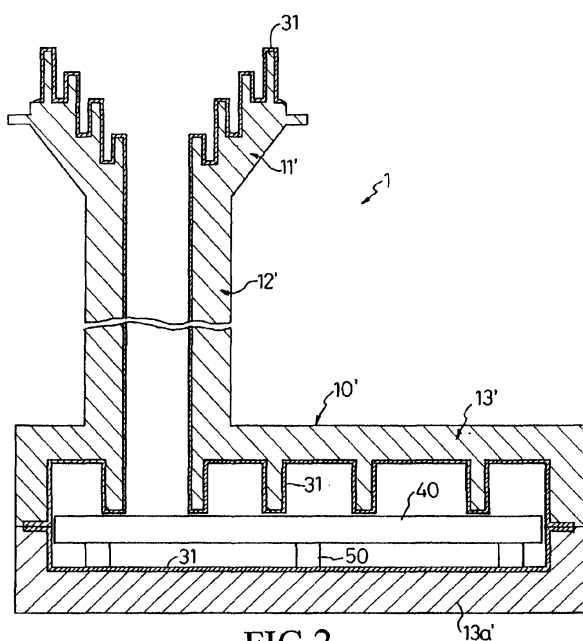


FIG. 2

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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 February 2001	Examiner Van Dooren, G
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