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(54) **Antenna with low visual impact**

(57) The present invention relates to a directional multi-channel antenna of the type comprising a substantially flat reflecting screen (1) and a plurality of dipoles or radiators (2) held up at a certain distance on the reflecting side of the screen (1) and a shell or radome (3) made of a material essentially transparent to the radiation RF transmitted and received by the antenna, containing said reflecting screen, said dipoles or radiators and at least one feeding connector of the antenna.

According to the invention said radome (3) is made of an optically transparent material and said screen is, at least for a major part (1a, 1b) set up by a conductor net arc-welded at the crossings.

According to an alternative embodiment said conductor net is set up by a first plurality of wires arranged on a first plane and a second plurality of wires arranged on a second plane put at a distance of a predetermined entity from said first plane.

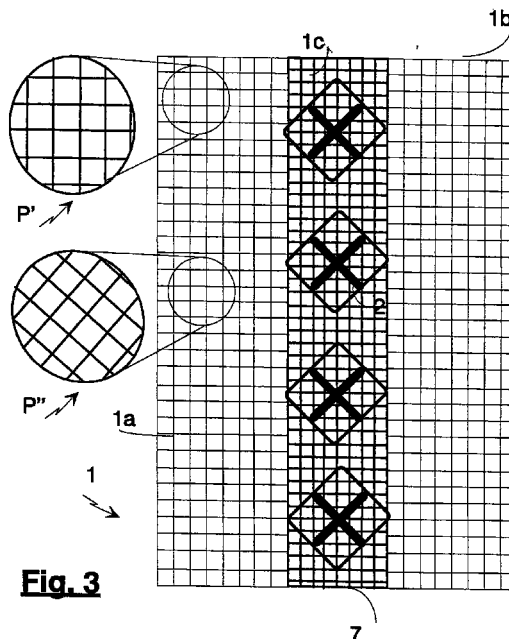


Fig. 3

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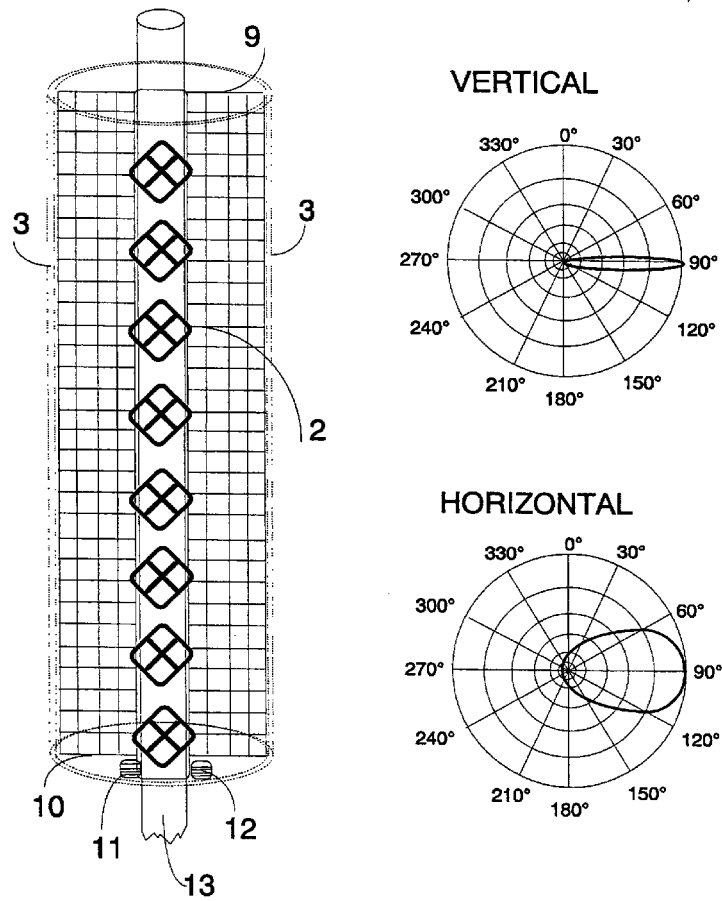


Fig. 5



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EUROPEAN SEARCH REPORT

Application Number
EP 99 11 3907

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.7)
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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 2 April 2001	Examiner Moumen, A
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 11 3907

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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