

Title (en)  
ANTENNA WITH VARIABLE GEOMETRY

Title (de)  
ANTENNE MIT VARIABLER GEOMETRIE

Title (fr)  
ANTENNE A GEOMETRIE VARIABLE

Publication  
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Application  
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Abstract (en)  
[origin: FR2759498A1] The invention concerns antennae whose dimensions can be modified so as to modify their radioelectric characteristics. The antenna comprises aligned conductor sections (11, 12) coupled by switching means (2) with remote control by electrically insulating connecting means transparent to radioelectric waves. The switching means are selected on the basis of their capacity for supporting high power or high voltage. One method consists in sending the command through optic fibres (F1, F2) so that they reach a relay (R) via photovoltaic cells (21, 22) located near this relay. The invention is mainly applicable to antennae operating on frequencies lower than 1 GHz.

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