

Title (en)

ANTENNA WITH MECHANICALLY RECONFIGURABLE RADIATION PATTERN

Title (de)

ANTENNE MIT MECHANISCH UMKONFIGURIERBAREM STRAHLUNGSMUSTER

Title (fr)

ANTENNE À DIAGRAMME DE RAYONNEMENT MÉCANIQUEMENT RECONFIGURABLE

Publication

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Application

EP 15757496 A 20150903

Priority

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Abstract (en)

[origin: WO2016034656A1] The invention relates to an antenna that is particularly useful in stations for testing electromagnetic fields. The antenna has a predetermined operating frequency, corresponding to a predetermined wavelength, wherein said antenna includes : a conductive sectoral horn (2) one open end of which (6) is built into a floorplan (8); short-circuited radiating slots (10, 12), built into the floorplan, on either side of said open end; and conductive louvers (22, 24), arranged above the slots and said open end, and capable of being deployed mechanically in a continuous manner in order to modify the radiation pattern of the antenna.

IPC 8 full level

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