

Title (en)
ISOTROPIC ANTENNA AND ASSOCIATED MEASUREMENT SENSOR

Title (de)
ISOTROPE ANTENNE UND DIESBEZÜGLICHER MESSSENSOR

Title (fr)
ANTENNE ISOTROPE ET CAPTEUR DE MESURE ASSOCIE

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Application
EP 07787617 A 20070717

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Abstract (en)
[origin: WO2008009667A1] The invention relates to an antenna which comprises four elementary IFA antennas, each elementary IFA antenna comprising a ground plane (1), a roof (2), a short-circuit (3) between the ground plane and the roof and an excitation means (4), the four elementary IFA antennas being distributed about an axis (Oz) as a first set of two IFA antennas having substantially equivalent elementary radiations and a second set of two IFA antennas having equivalent elementary radiations, the excitation means (4) of the four elementary IFA antennas being fed with radiofrequency signals of like amplitude whose phases follow a law which is substantially progressive in quadrature under rotation about the axis. Applications to motion sensors.

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