

Title (en)
BROADBAND DIPOLE ANTENNA COMPRISING AT LEAST FOUR WINGS

Title (de)
BREITBANDDIPOLANTENNE MIT MINDESTENS VIER FLÜGELN

Title (fr)
ANTENNE DIPOLAIRE À LARGE BANDE COMPRENANT AU MOINS QUATRE AILES

Publication
EP 4109674 B1 20240327 (EN)

Application
EP 21180723 A 20210622

Priority
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Abstract (en)
[origin: EP4109674A1] The present disclosure relates to an antenna, in particular, to a broadband antenna. The antenna of this disclosure may radiate with a linear polarization or with a circular polarization. The antenna comprises two or more wings, each wing comprising one or more conductive elements. The conductive elements of the two or more wings are connected to each other, and each conductive element has a bent shape. While the antenna has a large antenna bandwidth, the antenna has also a small size. This makes it well suited for being integrated into a vehicle, in particular, an airborne vehicle like an airplane, a helicopter, or a drone.

IPC 8 full level
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