

Title (en)
ANTENNA FOR COMMUNICATING WITH A TRANSPONDER

Title (de)
ANTENNE ZUR KOMMUNIKATION MIT EINEM TRANSPONDER

Title (fr)
ANTENNE DE COMMUNICATION AVEC UN TRANSPONDEUR

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Application
EP 19706425 A 20190213

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Abstract (en)
[origin: WO2019158543A1] The invention relates to a device for exchanging data with a transponder. A first antenna surface (1) extends on a broad-side surface of a dielectric body (4). A reflection surface (5) is provided on the opposite broad-side surface. At the back of the reflection surface (5) there is a feed network (7) for providing a phase-shifted alternating voltage, which is coupled into the antenna surface (1) at a plurality of different feed points (2) by means of feed elements (8) penetrating the reflection surface (5) in an isolated manner. A second antenna surface (11) is spaced apart from the first antenna surface (1) at a distance (A) by means of spacers (15).

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