

Title (en)
ANTENNA FOR RFID TRANSPONDER ON METAL SUPPORT

Title (de)
ANTENNE FÜR EINEN RFID-TRANSPONDER AUF METALLHALTERUNG

Title (fr)
ANTENNE POUR TRANSPONDEUR RFID SUR SUPPORT METALLIQUE

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Application
EP 09750192 A 20090304

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Abstract (en)
[origin: WO2009141735A2] The invention pertains to an antenna for high-frequency RFID transponder and to its method of manufacture. The antenna according to the invention is characterized in that it comprises one or more assemblies each consisting of at least one plurality of turns (7), forming a circuit, associated with an insulating support (8) so that this antenna turns out to be permeable to the magnetic induction flux originating from a reader. The transponder fitted with this antenna when it is placed, stuck or fixed onto a metal support (14) or inserted into the latter allows reading and writing regardless of its orientation with respect to the direction of the magnetic field and offers the same performance in terms of reading and writing distance, with respect to a reader, as that offered by a conventional transponder fixed on a support other than metal.

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