

Title (en)

Remote identifier and an antenna construction for a remote identifier system

Title (de)

Fernidentifizierungsvorrichtung und Antennenkonstruktion für ein Fernidentifizierungssystem

Title (fr)

Dispositif d'identification à distance et antenne de système d'identification à distance

Publication

**EP 1978592 A1 20081008 (EN)**

Application

**EP 07105626 A 20070404**

Priority

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Abstract (en)

The invention relates to a remote identifier (20) and an antenna structure, which remote identifier is intended to communicate with a reading device (20), which remote identifier comprises an RFID circuit (4, 22, 23, 24) to permit communication with the reading device (10), and an antenna (21, 3, 6) connected to the RFID circuit (4, 22, 23, 24). According to the invention, the antenna (21, 3, 6) is tuned in such a way that when the remote identifier (20) is as such detached from the holder (32), it is tuned to a frequency that differs distinctly from the operating frequency, in which case the metal plane (35, 6) of the holder (32) is arranged to tune the remote identifier to the operating frequency when the remote identifier is in the holder (32).

IPC 8 full level

**H01Q 1/22** (2006.01); **G06K 19/077** (2006.01); **H01Q 9/06** (2006.01); **H01Q 9/28** (2006.01)

CPC (source: EP)

**H01Q 1/2225** (2013.01); **H01Q 9/065** (2013.01); **H01Q 9/285** (2013.01)

Citation (search report)

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DOCDB simple family (publication)

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