Title (en)

DETERMINING A POSITION BY MEANS OF RFID TAGS

Title (de)

POSITIONSBESTIMMUNG MITTELS RFID-TAGS

Title (fr)

DÉTERMINATION DE POSITION AU MOYEN D'ÉTIQUETTES RFID

Publication

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Application

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Abstract (en)

[origin: WO2012031685A1] The invention relates to a method for determining the spatial potion and/or orientation of an object (1) marked by means of at least one transponder (2, 2'), wherein the transponder (2, 2') receives a query signal emitted by a transmitting device (3) and is excited thereby in order to emit a locating signal, wherein the locating signal is received by means of at least one receiving device (5) and is analyzed by means of an evaluating device (7) in order to determine the position. The aim of the invention is to provide a method that is improved in regard to the practicability and above all in regard to the precision in determining a position. For this purpose, the transmitting device (3) emits the query signal intermittently according to the invention, wherein the receiving device (5) receives at least the locating signal emitted by the transponder (2, 2') during the transmission pauses of the transmitting device (3) and the evaluating device (7) determines the position therefrom. The invention further relates to a system for carrying out the method.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012031685A1

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- DE 102006029122 A1 20071227 - AMEDO GMBH [DE]
- JP 2005101892 A 20050414 - SONY CORP

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