Title (en)

CALIBRATION OF THE POSITION OF MOBILE OBJECTS IN BUILDINGS

Title (de)

KALIBRIERUNG DER POSITION VON MOBILEN OBJEKTEN IN GEBÄUDEN

Title (fr)

CALIBRAGE DE LA POSITION D'OBJETS MOBILES DANS DES BÂTIMENTS

Publication

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Application

EP 16804732 A 20161124

Priority

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- EP 2016078692 W 20161124

Abstract (en)

[origin: WO2017118502A2] The invention relates to a method and a corresponding arrangement for the calibration of the position or of the sensor system of mobile objects in buildings, wherein a position information or a reference thereto is emitted by a radio-based transmission device located in the building; wherein the position information is uniquely assigned to the transmission device, thereby transmitting the current location to the mobile object in the building; wherein the position information is received by the mobile object; wherein a calibration of the position, which is displayed on the mobile object (e.g. smartphone, tablet computer), or of the sensor system (e.g. accelerometer, magnetometer, gyroscope, barometer), which is integrated into the mobile object, is carried out for determining the position of the mobile object on the basis of the received position information. According to the invention, the transmission of the position information or of the reference thereto is carried out within a bundled, in particular directed range of radio radiation.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017118502A2

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