

Title (en)

METHOD FOR DETERMINING DISTANCES BETWEEN A PLURALITY OF OBJECTS

Title (de)

VERFAHREN ZUR BESTIMMUNG VON ENTFERNUNGEN ZWISCHEN MEHREREN OBJEKTEN

Title (fr)

PROCÉDÉ DE DÉTERMINATION DE DISTANCES ENTRE PLUSIEURS OBJETS

Publication

**EP 4062188 A1 20220928 (DE)**

Application

**EP 21805939 A 20211103**

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Abstract (en)

[origin: WO2022096513A1] The invention relates to a method for determining a distance between two objects with the involvement of a third object. The first object can be, more particularly, an authorization means, such as a key fob or a mobile telephone. The problem is solved, inter alia, by means of a method for determining the spacing between two objects, in which method a first of the objects, for example a key, transmits at least one, more particularly a plurality of first-object signals with different first-object frequencies, at least one third object transmits at least one, more particularly a plurality of third-object signals, the at least one second of the objects receives the first-object and third-object signals of the first object and of the at least one third object and, therefrom or on the basis thereof, the distance between the first and the second object is determined, the second object and the third object being clock- and/or time-synchronized, characterized in that the third object and/or the first object switches between at least two frequencies such that phase coherence is maintained or such that the phase jump is known.

IPC 8 full level

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CPC (source: EP US)

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