

Title (en)

METHOD AND DEVICES FOR IDENTIFYING AN OBJECT AS SOURCE OF A V2X SIGNAL

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR IDENTIFIKATION EINES OBJEKTS ALS QUELLE EINES V2X-SIGNALS

Title (fr)

PROCÉDÉ ET DISPOSITIFS POUR IDENTIFIER UN OBJET COMME LA SOURCE D'UN SIGNAL V2X

Publication

**EP 4218270 A1 20230802 (DE)**

Application

**EP 21783462 A 20210924**

Priority

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Abstract (en)

[origin: WO2022063976A1] The invention proposes a method for identifying an object as source of a V2X signal, said method having the following steps: - receiving a V2X signal by a receiver of a first vehicle from a source; - performing a relative position estimation by means of an environment sensor system of the first vehicle, with an object from the environment of the first vehicle being detected by means of the environment sensor system, and with a relative position between the first vehicle and the object, in particular a second vehicle, being determined by means of the environment sensor system, the environment sensor system receiving environment signals of the object, and the object modulating the environment signals at least with part of a V2X signal of the object; - the environment sensor system of the first vehicle receiving the modulated environment signals and a signal processing unit of the first vehicle demodulating the received environment signals and thus determining a V2X identifier of the object; - comparing the V2X identifier of the object with the V2X signal of the source, with the object being identified as source of the V2X signal if the V2X identifier of the object and the V2X signal of the source have a sufficient correlation.

IPC 8 full level

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