

Title (en)

MOBILE SYSTEM AND METHOD FOR OPERATING A MOBILE SYSTEM

Title (de)

MOBILES SYSTEM UND VERFAHREN ZUM BETREIBEN EINES MOBILLEN SYSTEMS

Title (fr)

SYSTÈME MOBILE ET PROCÉDÉ DE FONCTIONNEMENT D'UN SYSTÈME MOBILE

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Application

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Abstract (en)

[origin: WO2021197785A1] The invention relates to a mobile system (10) for operation, particularly in a technical facility, comprising a first sensor (1) for acquiring a distance to a real object (11, 12, 13), wherein the mobile system (10) has a second sensor (2) for capturing an image, and the mobile system (10) has a recognition unit for recognising a real object (11, 12, 13) in an image captured by the second sensor (2), and the mobile system (10) has a classification unit for classifying an object type of a real object (11, 12, 13) recognised by the recognition unit, and the mobile system (10) has an association unit for generating a virtual object by associating an object type classified by the classification unit with a distance acquired by the first sensor (1). The invention also relates to a method for operating a mobile system (10) according to the invention, particularly in a technical facility, wherein a distance to a real object (11, 12, 13) is acquired by means of the first sensor (1), and an image is captured by means of the second sensor (2), and a real object (11, 12, 13) in the image captured is recognised by the recognition unit, and an object type of the recognised real object (11, 12, 13) is classified by means of the classification unit, and a virtual object is generated by means of the association unit by association of the classified object type with the acquired distance.

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