

Title (en)

METHOD AND DEVICE FOR MONITORING THE ENVIRONMENT OF A ROBOT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG DER UMGEBUNG EINES ROBOTERS

Title (fr)

PROCEDE ET DISPOSITIF DE SURVEILLANCE DE L'ENVIRONNEMENT D'UN ROBOT

Publication

EP 3928292 A1 20211229 (FR)

Application

EP 20705316 A 20200210

Priority

- FR 1901828 A 20190222
- EP 2020053273 W 20200210

Abstract (en)

[origin: WO2020169380A1] The invention relates to a method (200) for monitoring the environment of a robot comprising at least one iteration of a detection phase (220) comprising the following steps: - acquisition (222), at a measurement instant, of an image of the depth of the environment, referred to as a measurement image, by the at least one 3D camera, - readjustment (228) of the reference and measurement images, and - detection (230) of a change relating to an object in the environment of the robot by comparing the reference and measurement images. The invention also relates to a device that implements such a method and a robot equipped with such a device.

IPC 8 full level

G06T 7/254 (2017.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2020169380A1

Cited by

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