

Title (en)
METHOD AND DEVICE FOR GENERATING LEARNING DATA FOR AN ARTIFICIAL INTELLIGENCE MACHINE FOR AIRCRAFT LANDING ASSISTANCE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN VON LERNDATEN FÜR EINE MASCHINE MIT KÜNSTLICHER INTELLIGENZ ZUR FLUGZEUGLANDEUNTERSTÜTZUNG

Title (fr)
PROCEDE ET DISPOSITIF DE GENERATION DE DONNEES D'APPRENTISSAGE POUR MACHINE D'INTELLIGENCE ARTIFICIELLE POUR L'AIDE A L'ATTERRISSAGE D'AERONEF

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Application
EP 20797520 A 20201103

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Abstract (en)
[origin: WO2021089536A1] The invention relates to a method implemented by a computer for generating labelled learning data for an artificial intelligence machine. The method comprises at least the steps of: - defining parameters for an approach scenario of an aircraft towards a runway; - using the parameters of the scenario in a flight simulator for generating simulated flight data, the flight simulator being configured to simulate the aircraft in the approach phase and an associated automatic pilot; - using the simulated flight data in a sensor simulator for generating simulated sensor data, the sensor simulator being configured to simulate a forward facing sensor on board an aircraft and capable of providing sensor data representing information of interest of a runway, the generated simulated sensor data representing information of interest of the runway; and - using the simulated flight data and the simulated sensor data to generate a ground truth, the ground truth associated with the simulated sensor data forming a pair of simulated labelled learning data.

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