

Title (en)

SYSTEM AND METHOD FOR THREE-Dimensionally SECURING A LOAD-HANDLING ENVIRONMENT OF LOAD-HANDLING KINEMATICS IN A CHANGING WORK ENVIRONMENT

Title (de)

SYSTEM UND VERFAHREN ZUR DREIDIMENSIONALEN ABSICHERUNG EINES LASTHANDHABUNGS-UMFELDES EINER LASTHANDHABUNGSKINEMATIK IN EINER WECHSELNDEN ARBEITSUMGEBUNG

Title (fr)

SYSTÈME ET PROCÉDÉ POUR SÉCURISER EN TROIS DIMENSIONS UN ENVIRONNEMENT DE MANIPULATION DE CHARGE DE CINÉMATIQUE DE MANIPULATION DE CHARGE DANS UN ENVIRONNEMENT DE TRAVAIL CHANGEANT

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Application

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Abstract (en)

[origin: WO2023066713A1] The invention relates to a system for securing a load-handling environment of load-handling kinematics (30) in a changing work environment, the system comprising an environment-sensing unit which is configured to acquire data from the load-handling environment, and an environment-monitoring unit which is operatively connected to the environment-sensing unit, characterised in that the environment-monitoring unit is configured to analyse the data in such a way that a space (7) surrounding a load to be handled, a work space (12, 13, 14, 60) defined by a movement range of the load-handling kinematics (30), and a process space (40, 50) are determined by addition of the work space (12, 13, 14, 60) and a distance space, wherein the environment-monitoring unit is configured to monitor at least the distance space and/or the process space (40, 50) at least in part.

IPC 8 full level

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