

Title (en)
LABORATORY SYSTEM COMPRISING AT LEAST PARTIALLY NETWORKED LABORATORY DEVICES, AND METHOD FOR CONTROLLING A
LABORATORY SYSTEM COMPRISING AT LEAST PARTIALLY NETWORKED LABORATORY DEVICES

Title (de)
LABORSYSTEM MIT ZUMINDEST TEILWEISE VERNETZTEN LABORGERÄTEN UND VERFAHREN ZUR STEUERUNG EINES
LABORSYSTEMS MIT ZUMINDEST TEILWEISE VERNETZTEN LABORGERÄTEN

Title (fr)
SYSTÈME DE LABORATOIRE MUNI D'APPAREILS DE LABORATOIRE AU MOINS PARTIELLEMENT EN RÉSEAU ET PROCÉDÉ DE
COMMANDE D'UN SYSTÈME DE LABORATOIRE MUNI D'APPAREILS DE LABORATOIRE AU MOINS PARTIELLEMENT EN RÉSEAU

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Application
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Abstract (en)
[origin: WO2020098949A1] The invention relates to a method for controlling a laboratory system comprising at least partially networked laboratory devices for processing samples by means of laboratory processes performed by the laboratory devices, the method comprising: - a process detection step (S1), in which samples to be processed and/or laboratory processes to be performed with the samples are detected via a detection unit (05); - a status determination step (S3), in which a response of networked laboratory devices regarding the current and/or future status and/or the termination of sample processing is obtained by the laboratory devices; - a task update step (S4), in which a task list, at least for the processing of certain samples by means of a certain laboratory device or a plurality of certain laboratory devices in a certain order, is created or updated by a task generation unit at least from the detected samples and/or laboratory processes and/or on the basis of the status of the laboratory devices, in particular by considering predefined prioritisation rules and/or weighting factors; - a management step (S5), in which management instructions are generated and output by a management system on the basis of the current task list, by means of which management instructions detected samples are brought at least indirectly to at least one laboratory device; and - a transport means control step (S6), in which transport means control instructions are generated by a transport means control system on the basis of control instructions and are transmitted to at least one transport means configured as a UAV (unmanned aerial vehicle (04)) at least for the transport of detected samples.

IPC 8 full level
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