

Title (en)
ARRANGEMENT FOR PERFORMING A DECONTAMINATION PROCESS BY MEANS OF A DECONTAMINATION AGENT INTRODUCED INTO A CONTAINER

Title (de)
ANORDNUNG ZUR DURCHFÜHRUNG EINES DEKONTAMINATIONSPROZESSES MITTELS EINES IN EIN CONTAINMENT EINGEBRACHTEN DEKONTAMINATIONSMITTELS

Title (fr)
DISPOSITIF DE MISE EN OEUVRE D'UN PROCÉDÉ DE DÉCONTAMINATION AU MOYEN D'UN AGENT DE DÉCONTAMINATION INTRODUIT DANS UNE ENCEINTE DE CONFINEMENT

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Application
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Abstract (en)
[origin: WO2016165031A1] In the arrangement for performing a decontamination process by means of a decontamination agent introduced into a first container, the first container (9) is surrounded by a housing (90) which has a primary inlet (92) for admitting a gas medium into the first container (9), and a primary outlet (91) for discharging the gas medium from the first container (9). The primary outlet (91) of the first container (9) leads to an area (5; 51-53) external to the first container (9) or into the open atmosphere (69) or to a second container (9'). The primary outlet (91) has a gas-technology connection to a first catalyst unit (11) through which the gas medium flows. By means of the at least first catalyst unit (11), the decontamination agent, which is introduced into the first container (9) during the decontamination process and enters with the gas medium into the area (5; 51-53) or open atmosphere (69) or a second containment (9'), can be split into non-critical components and degraded to a non-critical residual concentration. In this way, at least during the period of time in which a critical concentration of the decontamination agent is to be found in the first containment (9), the first containment (9) is continuously gas-permeable through the at least first catalyst unit (11) to the area (5;51-53) or to the open atmosphere (69) or to the second containment (9'). Further specific features of the catalyst units (11-14) are proposed, which form essential equipment of the arrangement. The overall invention enables an economic operation of containers and thus also a reduced expenditure on shut-off valves for gas-tight sealing of the containers, and of control equipment for the process control of same.

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