

Title (en)

METHOD AND DEVICE FOR CLEANING INTERIORS OF CONTAINERS AND SYSTEMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REINIGEN VON INNENRÄUMEN VON BEHÄLTERN UND ANLAGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR NETTOYER DES ESPACES INTÉRIEURS DE RÉCIPIENTS ET D'INSTALLATIONS

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Application

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Abstract (en)

[origin: CA2937691A1] The invention relates to a method and a cleaning device (1, 101) for removing deposits from interiors (54) of containers and systems (51) by means of explosive technology. The cleaning device (1, 101) contains a cleaning appliance (2, 102) having a receiving space (11, 111) and at least one pressure container (21, 21'; 121, 121') connected to the cleaning appliance (2, 102) via at least one metering fitting (18, 18'; 118, 118'). The introduction of the at least one gaseous component into the cleaning appliance (2, 102) is controlled in accordance with the principle of the pressure difference between a maximum pressure at the start of the introduction and a desired residual pressure following completion of the introduction. To this end, the desired residual pressure in the pressure container (21, 21'; 121, 121') is defined on the basis of the quantity of gaseous component to be introduced, starting from the maximum pressure, and the introduction of the at least one gaseous component is stopped when the desired residual pressure is achieved. The desired residual pressure is in this case in the positive pressure range.

IPC 8 full level

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