

Title (en)
Inert gas extinguishing system

Title (de)
Inertgaslöschanlage

Title (fr)
Installation d'extinction à gaz inerte

Publication
EP 2998002 B1 20161221 (DE)

Application
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Abstract (en)
[origin: US2016082297A1] The present invention relates to a gas extinguishing system for a predefined protected area, particularly small-parts storage systems, wherein the gas extinguishing system comprises an inert gas source and a diffuser system fluidly connected to the inert gas source by a tubing system. The diffuser system comprises a diffuser tube having a plurality of drill holes provided in the surface of the diffuser tube and a pressure reducer allocated to the diffuser tube. In order to be able to achieve non-interactiveness with respect to the diffuser system from the standpoint of the design of the gas extinguishing system, the inventive provides for designing the diffuser system such that a primary baffle pressure measured in absolute bar is at least twice as high as the internal pressure of the diffuser tube during the flooding period dimensioned for the protected area and that the internal pressure of the diffuser tube during the dimensioned flooding period is at a maximum of 2 bar absolute.

IPC 8 full level
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