

Title (en)
INERTIZATION METHOD FOR REDUCING THE RISK OF FIRE IN AN ENCLOSED AREA AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)
INERTISIERUNGSVERFAHREN ZUR MINDERUNG DES RISIKOS EINER BRANDENTSTEHUNG IN EINEM UMSCHLOSSENEN RAUM SOWIE
VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCÉDÉ D'INERTISATION POUR RÉDUIRE LE RISQUE D'UN DÉBUT D'INCENDIE DANS UNE PIÈCE FERMÉE AINSI QU'UN DISPOSITIF
POUR EXÉCUTER LE PROCÉDÉ

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Abstract (en)
[origin: WO2009016176A1] The invention relates to an inertization method for reducing the risk of fire in an enclosed area (10) and to a device for carrying out said method. The aim of the invention is to provide an inertization system for an enclosed area (10), by means of which an effective reduction of the risk of fire can be obtained as a result of a permanent inertization of the protection area (10) and by means of which said preventive fire-protection achieved by the permanent inertization can be restricted, if necessary, to spatially separate zones of the enclosed area, without requiring structural partitions. To achieve this, at least one inert gas, the gas density (? Gas) of which differs from the mean gas density (? Gas) of the ambient air atmosphere of the area (10) is introduced into the enclosed area (10) in such a way that in said area (10) gas layering of the first gas layer (A) and a second gas layer (B) occurs, the oxygen content of the first gas layer (A) corresponding substantially to the oxygen content of the ambient air atmosphere and the oxygen content of the second gas layer (B) corresponding to a specific establishable oxygen content that is reduced in relation to the oxygen content of the ambient air atmosphere.

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