

Title (en)
SYSTEM FOR CHEMICAL DECONTAMINATION OF CORROSIVE GASES

Title (de)
SYSTEM ZUR CHEMISCHEN DEKONTAMINATION VON KORROSIVEN GASEN

Title (fr)
SYSTÈME DE DÉCONTAMINATION CHIMIQUE DE GAZ CORROSIFS

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Abstract (en)
[origin: WO2021140304A1] The present invention relates to the use of a composition comprising at least one acid-base neutralising agent in order to decontaminate an atmosphere contaminated by a corrosive gas, the acid-base neutralising agent having a pKa of at least 2 and being characterised in that: - $pK_{a1} \leq pK_{a2}$ - $pK_{a1} > 2$ - $pK_{a2} < 12$ - $4 < \frac{1}{2}(pK_{a1} + pK_{a2}) < 10$, pKa1 representing the lowest base pKa and pKa2 representing the highest acid pKa. The present invention also relates to a method for decontaminating an atmosphere contaminated by a corrosive gas, which method comprises spraying the neutralising agent, and to a decontamination device.

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