Title (en)

METHOD AND DEVICE FOR THE METERED RELEASE OF IRRITANTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DOSIERTEN FREISETZEN VON REIZSTOFFEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE LIBÉRATION DOSÉE DE SUBSTANCES IRRITANTES

Publication

EP 2153426 A1 20100217 (DE)

Application

EP 08749276 A 20080430

Priority

- EP 2008003529 W 20080430
- DE 102007021267 A 20070503

Abstract (en)

[origin: WO2008135228A1] The invention relates to a method and a device for the metered release of irritants by means of a propellant and/or solvent gas in anti-people defense rooms. The invention describes a method and a device for a metering controller for releasing irritants by means of a propellant and/or solvent gas in anti-people defense rooms while complying with health limits. After a first dose (T_E), subsequent dosages (T_N) are carried out in time intervals, so that both a hazardous limit of a concentration of the irritants in the room (1) is not exceeded and that also a sufficiently effective concentration is always met, and the concentration-lowering losses (S_F, S_V) arising from the agent, system and environment are compensated for. The concentration losses are detected metrologically and/or as parameter-dependent variables (S_F, S_v) and made available as a program solution of the control device (7).

IPC 8 full level

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