

Title (en)
A FOG GENERATING DEVICE

Title (de)
NEBELGERÄT

Title (fr)
DISPOSITIF DE PULVERISATION

Publication
EP 1402225 A1 20040331 (EN)

Application
EP 01953697 A 20010622

Priority
BE 0100108 W 20010622

Abstract (en)
[origin: WO03001140A1] This invention relates to a fog-generating device comprising a container (1) with an alcohol containing mixture (4) for generating the fog and means (5) for driving the alcohol mixture from the container (1) to a heat exchanger (2) for evaporating the alcohol mixture (4). The heat exchanger (2) is connected to an outlet orifice (6) for expelling the fog (7) under pressure. The means for driving the alcohol mixture (5) comprise an amount of a propellant gas, the propellant gas having a pressure approaching its vapour pressure. The propellant gas is at least partly soluble in at least one component of the alcohol containing mixture and is preferably selected from the group of partly fluorinated hydrocarbons. The container (1) is closed off by a valve (8), which is provided to be closed after it has been opened for a pre-set period of time, to seal the container (1) from the environment.

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F41H 9/06

IPC 8 full level
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CPC (source: EP)
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Cited by
EP1985963A1; WO2008132113A1; EP2207005A1; EP1985962A1

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