

Title (en)

METHOD AND ARRANGEMENT FOR PRODUCING COMPRESSED AIR FOAM FOR FIRE-FIGHTING AND DECONTAMINATION

Title (de)

VERFAHREN UND ANORDNUNG ZUR HERSTELLUNG VON DRUCKLUFTSCHAUM ZUR BRANDBEKÄMPFUNG UND DEKONTAMINATION

Title (fr)

PROCEDE ET SYSTEME DE PRODUCTION DE MOUSSE A AIR COMPRI ME POUR LA LUTTE CONTRE LES INCENDIES ET LA DECONTAMINATION

Publication

EP 1789143 B1 20150812 (DE)

Application

EP 05755066 A 20050519

Priority

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Abstract (en)

[origin: WO2006000177A2] The invention relates to a compressed air foam producer, wherein a fire or decontamination specific additive is injected directly into the foam forming flow supplied to the main water flow and/or the main water flow. A mixing pump for the foaming agent draws off an auxiliary and motive water flow, wherein initially the additive and then the foaming agent is injected. The foaming agent-additive-water mixture, which is produced directly on site, is mixed well together and with the main water flow ensuring a fine, uniform distribution of the additives in the compressed air foam. The thus produced compressed air foam ensures optimal, economical and environmentally friendly fire-fighting and decontamination.

IPC 8 full level

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CPC (source: EP US)

A62C 5/02 (2013.01 - EP US)

Citation (examination)

- US 4474680 A 19841002 - KROLL JOHN J [CA]
- DE 10231740 B3 20040408 - BUNDESREP DEUTSCHLAND [DE]

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CN103533643A; DE102017117412A1; WO2019025473A2

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