

Title (en)
METHOD AND DEVICE FOR FIGHTING FIRE IN A SPECIFIC VOLUME AND/OR AREA IN AREAS OF BUILDINGS AND FACILITIES WITH A FIRE RISK

Title (de)
VERFAHREN UND VORRICHTUNG ZUM VOLUMEN- UND/ODER FLÄCHENSPEZIFISCHEN BEKÄMPFEN VON FEUER IN BRANDGEFÄHRDETEN BEREICHEN VON BAUTEN UND ANLAGEN

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR LA LUTTE CONTRE L'INCENDIE SPÉCIFIQUE À UN VOLUME ET/OU UNE SURFACE DANS DES ZONES DE BÂTIMENTS ET D'INSTALLATIONS MENACÉES PAR UN INCENDIE

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Application
EP 09801387 A 20091130

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Abstract (en)
[origin: WO2010063266A1] The invention relates to a method and to a device for fighting fire using extinguishing agents in a specific volume and/or area in buildings and facilities with a fire risk. The aim of the invention is to improve building facilities such that the thermal load in case of fire cannot flash over to other areas, and emergency exits, thoroughfares, openings in walls, and shut-down commercial equipment such as control panels, fork trucks, etc. are largely kept free of the action of the extinguishing agent, further minimizing the consumption of extinguishing agent and reducing damage in the event of fire, while simultaneously increasing cost-effectiveness, wherein structural compensation is also achieved between the building and the extinguishing system. Said aim is achieved in that at least one wall of extinguishing agent, made of spray mist, is generated for preventing flashover of a thermal load into other areas around the fire source and/or in the area with a fire risk along at least one vertical and/or horizontal spray plane mounted between the supports of the fire source and/or area with a fire risk and monitored by the detection means, and/or at least one further wall of extinguishing agent, made of spray mist, is generated for protecting and cooling emergency exits, thoroughfares or paths, openings in fire protection walls, and commercial equipment within the building along the spray plane mounted between vertical supports associated with the same and carrying extinguishing agent.

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