

Title (en)

JET PIPE UNIT AND METHOD FOR PRODUCING AN EXTINGUISHING AGENT MIST

Title (de)

STRAHLROHREINHEIT SOWIE VERFAHREN ZUM AUSBILDEN EINES LÖSCHMITTELNEBELS

Title (fr)

UNITE LANCE D'INCENDIE ET PROCEDE POUR CREER UN NUAGE D'AGENT D'EXTINCTION

Publication

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Application

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Abstract (en)

[origin: WO2007036554A1] A jet pipe unit for delivering extinguishing agent comprises at least one jet pipe (2) which is supplied with a pressurised extinguishing agent and provided with a tubular body (3) comprising an extinguishing agent input orifice and extinguishing agent output orifice formed by at least one nozzle (4), which, according to said invention, is rotatably movable around the longitudinal axis (5) thereof and/or a circular path which surrounds the axis of rotation in a concentric manner. Said invention also relates to a method for producing the extinguishing agent mist consisting in compressing a extinguishing agent, for example water, in supplying said extinguishing agent to a jet pipe unit (1) comprising at least one jet pipe (2) which is provided with one or several nozzles (4) in the form of the extinguishing agent output orifice, in forming the extinguishing agent jet (41) with the aid of a first jet unit section (42) embodied in the form of a beam substantially defining the jet width and a subsequent section in a jet through direction, wherein the jet, when the speed is rapidly reduced at a short distance, multiplies the cross-section surface in such a way that the extinguishing agent mist (43) is formed. The extinguishing agent jet rotatable about the longitudinal axis thereof is formed by rotationally displacing the jet pipe unit nozzle and/or the jet pipe unit at a value of an axis of rotation corresponding to the extension of the extinguishing agent jet longitudinal axis.

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