

Title (en)

EXTINGUISHING ASSEMBLY AND METHOD FOR EXTINGUISHING FIRE ON OR COOLING A PARKED VEHICLE

Title (de)

LÖSCHANORDNUNG UND VERFAHREN ZUM LÖSCHEN ODER KÜHLEN EINES GEPARKTEN ODER ABGESTELLTEN FAHRZEUGS

Title (fr)

SYSTÈME D'EXTINCTION ET PROCÉDÉ D'EXTINCTION OU DE REFROIDISSEMENT D'UN VÉHICULE GARÉ OU STATIONNÉ

Publication

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Application

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Abstract (en)

[origin: WO2022242803A1] The aim of the present invention is: to provide an extinguishing assembly for a vehicle, which extinguishing assembly surrounds the vehicle or electric vehicle in event of fire or as needed in such a way that fire extinguishant is used in a direct way and only within a limited space; to surround or flood the vehicle and therefore the fire source as needed up to completely with fire extinguishant; and additionally to prevent arbitrary or uncontrolled drainage of the fire extinguishant and to limit parking as little as possible at the same time. This aim is achieved in that an extinguishing assembly for parked vehicles (1), in particular for electric vehicles, is provided, wherein: the relevant vehicle (1) is parked or can be parked in a parking space (2); a wall assembly (3) can be erected around the vehicle and is designed to at least laterally surround or enclose the vehicle (1) so as to receive and/or retain fire extinguishant (4) at least in the enclosed area and to surround and/or flood the vehicle (1) at least partially with the fire extinguishant (4); the wall assembly (3), starting from a standby position, is designed to at least laterally enclose the vehicle (1) in a demand position, characterised in that - in the standby position, at least regions or portions of the wall assembly (3) are countersunk in the parking space (2) or the wall assembly is arranged laterally below the parking space, and, by means of an actuator or by being filled, the wall assembly can be slid, drawn, rolled and/or unfolded out of the parking space (2) or to the side of the parking space (2) vertically or upwards into the demand position; or - in that the wall assembly (3) in a mobile variant comprises at least two modules (12), wherein the modules (12) each have a base profile (17) resting on the parking space (2) and the at least two modules (12) extend from the base profile (17) upwards in the form of a wall and are pre-assembled, wherein the at least two modules (12) can be moved or lifted, from the standby position, laterally around the vehicle (1) into the demand position and can be placed onto the parking space (2) and can be interconnected.

IPC 8 full level

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