

Title (en)

A BARRIER FOR ENCAPSULATING A LIQUID MEDIUM WITHIN THE PERIMETER OF A VEHICLE, A SYSTEM FOR EXTINGUISHING A FIRE IN A BURNING VEHICLE OR AN ELECTRIC VEHICLE WITH AN OVERHEATED BATTERY AND A METHOD FOR EXTINGUISHING A FIRE IN A VEHICLE

Title (de)

BARRIERE ZUR VERKAPSELUNG EINES FLÜSSIGEN MEDIUMS INNERHALB DER EINGRENZUNG EINES FAHRZEUGS, SYSTEM ZUM LÖSCHEN EINES FEUERS IN EINEM BRENNENDEN FAHRZEUG ODER EINEM ELEKTROFAHRZEUG MIT EINER ÜBERHITZTEN BATTERIE UND VERFAHREN ZUM LÖSCHEN EINES FEUERS IN EINEM FAHRZEUG

Title (fr)

BARRIÈRE D'ENCAPSULATION D'UN MILIEU LIQUIDE DANS LE PÉRIMÈTRE D'UN VÉHICULE, SYSTÈME D'EXTINCTION D'INCENDIE DANS UN VÉHICULE EN FEU OU UN VÉHICULE ÉLECTRIQUE AVEC UNE BATTERIE SURCHAUFFÉE ET PROCÉDÉ D'EXTINCTION D'INCENDIE DANS UN VÉHICULE

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Abstract (en)

The present invention relates to a barrier for encapsulating a liquid medium within the perimeter of a vehicle, a system for extinguishing a fire in a burning vehicle or an electric vehicle with an overheated battery and a method for extinguishing a fire in a vehicle. The barrier comprises a main part having a circumferential chamber having a first volume defining an opening for surrounding the vehicle, having a first volume, and the barrier comprises an integrated channel having a second volume being smaller than the first volume, such that when injecting a fluid into the channels, the barrier unrolls or unfolds in the direction of the channels into a second state where the circumferential chamber surrounds the car.

IPC 8 full level

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