

Title (en)  
COOLING AND FLAME-RETARDANT LUBRICATING COMPOSITION FOR A PROPULSION SYSTEM OF AN ELECTRIC OR HYBRID VEHICLE

Title (de)  
KÜHL- UND FLAMMSCHUTZMITTELZUSAMMENSETZUNG FÜR EIN ANTRIEBSSYSTEM EINES ELEKTRISCHEN ODER HYBRIDFAHRZEUGS

Title (fr)  
COMPOSITION DE LUBRIFICATION REFROIDISSANTE ET IGNIFUGEANTE POUR SYSTEME DE PROPULSION D'UN VEHICULE ELECTRIQUE OU HYBRIDE

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Application  
**EP 19737543 A 20190710**

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Abstract (en)  
[origin: WO2020011889A1] The invention relates to a composition for lubricating a propulsion system of an electric or hybrid vehicle, comprising at least one base oil and at least one flame retardant of formula (I) RF-L-RH (I), where RF is a perfluorinated or partially fluorinated group, RH is a hydrocarbon group, and L is a linking agent. The invention also relates to the use of at least one flame retardant of formula (I) in a lubricating composition for a propulsion system of an electric or hybrid vehicle comprising at least one battery, in order to impart flame-retardant properties thereto. Finally, the invention relates to a method for cooling and fireproofing a battery of a propulsion system of an electric or hybrid vehicle, comprising at least one step of bringing at least one battery, in particular a lithium-ion or nickel-cadmium battery, into contact with a composition according to the invention.

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