

Title (en)

FIRE EXTINGUISHING SYSTEM AND VEHICLE COMPRISING SUCH SYSTEM

Title (de)

FEUERLÖSCHSYSTEM UND FAHRZEUG MIT SOLCH EINEM SYSTEM

Title (fr)

SYSTÈME D'EXTINCTION D'INCENDIE ET VÉHICULE COMPRENANT UN TEL SYSTÈME

Publication

**EP 4059577 A1 20220921 (EN)**

Application

**EP 21315041 A 20210318**

Priority

EP 21315041 A 20210318

Abstract (en)

Fire extinguishing system (2) for a passenger vehicle (1), the system (2) comprising:- at least one distribution pipe (4) intended to extend along a coach (6) of the vehicle (1), the distribution pipe (4) being configured to transport an extinguishing agent able to extinguish a fire;- a plurality of sprinklers (8) arranged and spaced apart from each other along the distribution pipe (4), wherein each sprinkler (8) comprises a single nozzle (22) configured to disperse the extinguishing agent in form of a mist for extinguishing a fire in a compartment (17) of the vehicle (1), each nozzle (22) being configured to disperse the extinguishing agent within a single cone (24) defined by each nozzle (22) and a predefined aperture angle ( $\alpha$ ).

IPC 8 full level

**A62C 3/07** (2006.01); **A62C 31/00** (2006.01); **A62C 35/00** (2006.01); **A62C 35/60** (2006.01); **A62C 35/68** (2006.01); **A62C 37/40** (2006.01); **A62C 99/00** (2010.01)

CPC (source: EP)

**A62C 3/07** (2013.01); **A62C 35/00** (2013.01); **A62C 35/68** (2013.01); **A62C 37/40** (2013.01); **A62C 99/0072** (2013.01)

Citation (search report)

- [X] US 2019168047 A1 20190606 - CONBOY STEPHEN [US]
- [Y] US 6296062 B1 20011002 - SUNDHOLM GOERAN [FI]
- [Y] CN 108992824 A 20181214 - CRRRC CHANGCHUN RAILWAY VEHICLES CO LTD

Cited by

WO2023100160A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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