

Title (en)

RAIL VEHICLE FOR FIREFIGHTING

Title (de)

SCHIENENFAHRZEUG ZUR BRANDBEKÄMPFUNG

Title (fr)

VÉHICULE FERROVIAIRE DE LUTTE ANTI-INCENDIE

Publication

EP 4084875 A1 20221109 (DE)

Application

EP 20838357 A 20201209

Priority

- AT 4112019 A 20191230
- EP 2020085263 W 20201209

Abstract (en)

[origin: WO2021136638A1] The invention relates to a rail vehicle (1) for firefighting having a traction system (5) and a liquid tank (2) for storing a fire extinguishant (16), a cooling circuit being arranged to cool components (11, 15, 30) of the traction system (5), the cooling circuit comprising a heat exchanger (18) for dissipating heat to the fire extinguishant (16). The rail vehicle (1) therefore remains ready for operation even after firefighting has been carried out for a lengthy period. The as yet unused fire extinguishant (16) absorbs the thermal energy generated by the traction system (5).

IPC 8 full level

A62C 3/07 (2006.01); **A62C 27/00** (2006.01)

CPC (source: AT EP)

A62C 27/00 (2013.01 - EP); **B61C 5/00** (2013.01 - AT); **B61C 17/02** (2013.01 - AT); **B61C 17/08** (2013.01 - AT); **A62C 3/07** (2013.01 - EP)

Citation (search report)

See references of WO 2021136638A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021136638 A1 20210708; AT 523077 A4 20210515; AT 523077 B1 20210515; EP 4084875 A1 20221109

DOCDB simple family (application)

EP 2020085263 W 20201209; AT 4112019 A 20191230; EP 20838357 A 20201209