

Title (en)

SURFACE-MOUNTED VEHICLE HAVING A RAIL COUPLING SYSTEM

Title (de)

OBERFLÄCHENMONTIERTES FAHRZEUG MIT EINEM SCHIENENKOPPLUNGSSYSTEM

Title (fr)

VÉHICULE MONTÉ EN APPLIQUE, DOTÉ DE SYSTÈME D'ACCOUPLEMENT DE RAILS

Publication

EP 4259298 A1 20231018 (EN)

Application

EP 21839733 A 20211206

Priority

- US 202063124446 P 20201211
- US 202117540460 A 20211202
- US 2021062046 W 20211206

Abstract (en)

[origin: WO2022125459A1] A surface-mounted vehicle includes a body and a mounting system configured to couple the surface-mounted vehicle to a surface. The surface-mounted vehicle also includes a propulsion system configured to move the surface-mounted vehicle along the surface. In addition, the surface-mounted vehicle includes a rail coupling system having at least one rail coupled to the body. The at least one rail is configured to couple a component to the surface-mounted vehicle. The rail coupling system also includes multiple electrical connectors disposed along the at least one rail. The electrical connectors are configured to provide electrical power to the component.

IPC 8 full level

A63J 1/02 (2006.01)

CPC (source: EP KR)

A63J 1/02 (2013.01 - EP KR); **A63J 1/028** (2013.01 - EP KR); **F21S 2/00** (2013.01 - EP KR); **F21V 21/096** (2013.01 - EP KR); **F21V 21/15** (2013.01 - EP KR); **F21V 21/35** (2013.01 - EP KR); **F21W 2131/406** (2013.01 - EP KR)

Citation (search report)

See references of WO 2022125459A1

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)

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DOCDB simple family (application)

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