

Title (en)
PENDULAR VEHICLE WITH TWO-WHEELED AXLE EQUIPPED WITH A FIRST SUSPENSION SYSTEM

Title (de)
PENDELFahrzeug mit Zweiradachse mit einem ersten aufhängungssystem

Title (fr)
VEHICULE PENDULAIRE AVEC ESSIEU A DEUX ROUES EQUIPE D'UNE PREMIERE SUSPENSION

Publication
EP 4294652 A1 20231227 (FR)

Application
EP 22702498 A 20220104

Priority
• FR 2101452 A 20210216
• FR 2022050006 W 20220104

Abstract (en)
[origin: WO2022175603A1] A pendular vehicle comprising a chassis with a two-wheeled axle (2) equipped with a first suspension system comprising, for each wheel (2), a lateral suspension spring (18) connected on one side to a suspension arm (4) of the wheel (2), comprising a spreader bar (12) extended in the transverse direction of the vehicle and having a pivot (14) aligned in the longitudinal direction of the vehicle, said spreader bar (12) at each end accommodating the other side (16) of the lateral springs (18) and comprising a motor (34) for controlling the incline of the spreader bar (12) relative to the chassis, the pivot of the spreader bar (14) is connected to the chassis by an oscillating arm (30) comprising a second suspension system (26) coming into abutment on said chassis.

IPC 8 full level
B60G 11/16 (2006.01); **B60G 21/05** (2006.01); **B62K 5/10** (2013.01)

CPC (source: EP)
B60G 11/16 (2013.01); **B60G 21/05** (2013.01); **B62K 5/10** (2013.01); **B60G 2204/124** (2013.01); **B60G 2204/421** (2013.01); **B60G 2300/45** (2013.01)

Citation (search report)
See references of WO 2022175603A1

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)
FR 3119796 A1 20220819; FR 3119796 B1 20221230; EP 4294652 A1 20231227; WO 2022175603 A1 20220825

DOCDB simple family (application)
FR 2101452 A 20210216; EP 22702498 A 20220104; FR 2022050006 W 20220104