

Title (en)

ROUTE DETERMINATION FOR AN ELECTRIC VEHICLE

Title (de)

ROUTENBESTIMMUNG FÜR EIN ELEKTROFAHRZEUG

Title (fr)

DÉTERMINATION D'ITINÉRAIRE DESTINÉE À UN VÉHICULE ÉLECTRIQUE

Publication

EP 4100698 A1 20221214 (EN)

Application

EP 20704017 A 20200207

Priority

EP 2020053169 W 20200207

Abstract (en)

[origin: WO2021155949A1] An electrically powered vehicle comprises an energy storage. A method for determining a route from a starting point to a destination point for said vehicle comprises steps of determining a first route from the starting point to the destination point; determining at least one search point on said first route, wherein the search points are placed such that an amount of energy required for the vehicle to travel from the starting point or one of the search points to a successive point along said first route is exceeded by a projected amount of energy stored in said storage when the vehicle is at said point; for each search point, determining at least one candidate point at which the energy storage may be charged; selecting one candidate point per search point; and providing a second route leading from the starting point over the selected candidate points to the destination point.

IPC 8 full level

G01C 21/34 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2021155949A1

Designated contracting state (EPC)

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