

Title (en)
EVALUATION OF THE MAXIMUM REAL RANGE OF AN ELECTRIC VEHICLE

Title (de)
EVALUIERUNG DES MAXIMALEN REALEN BEREICHS EINES ELEKTOFAHRZEUGS

Title (fr)
EVALUATION DE L'AUTONOMIE RÉELLE MAXIMALE D'UN VÉHICULE ÉLECTRIQUE

Publication
EP 4072896 A1 20221019 (FR)

Application
EP 20819801 A 20201210

Priority
• FR 1914081 A 20191210
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Abstract (en)
[origin: CA3164286A1] The disclosure relates to a method for determining the maximum real range of an electric vehicle equipped with a battery having a variable state of charge within a cycling range. The method comprises obtaining a first quantity and a second quantity, indicative of a voltage at the battery terminals, respectively for an initial value and for an end value of the state of charge within the cycling range. The method further comprises a predetermined loading of the battery during which the state of charge of the battery varies within the cycling range from the initial value to an end value. The method further comprises determining the maximum real range of the vehicle based on an estimation of the difference between the second quantity and the first quantity.

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US 2015311736 A1 20151029 - PARK SANG DO [KR], et al

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BA ME

DOCDB simple family (publication)
FR 3104263 A1 20210611; **FR 3104263 B1 20240719**; CA 3164286 A1 20210617; CN 115003549 A 20220902; EP 4072896 A1 20221019; US 2023008555 A1 20230112; WO 2021116280 A1 20210617

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FR 1914081 A 20191210; CA 3164286 A 20201210; CN 202080094322 A 20201210; EP 2020085514 W 20201210; EP 20819801 A 20201210; US 202017783995 A 20201210