

Title (en)

METHOD FOR CHANGING A TRANSMISSION RATIO OF A GEARING OF A BICYCLE, COMPUTER PROGRAM, CONTROLLER, DRIVE UNIT, AND BICYCLE

Title (de)

VERFAHREN ZUM SCHALTEN EINES ÜBERSETZUNGSVERHÄLTNISSSES EINER GANGSCHALTUNG EINES FAHRRADS, COMPUTERPROGRAMM, STEUERGERÄT, ANTRIEBSEINHEIT UND FAHRRAD

Title (fr)

PROCÉDÉ DE CHANGEMENT DE RAPPORT DE TRANSMISSION D'UN ENGRENAGE D'UNE BICYCLETTE, PROGRAMME INFORMATIQUE, DISPOSITIF DE COMMANDE, UNITÉ D'ENTRAÎNEMENT ET BICYCLETTE

Publication

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Application

**EP 22721377 A 20220408**

Priority

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Abstract (en)

[origin: WO2022228867A1] The invention relates to a method for changing a transmission ratio of an electrically controllable gearing of a bicycle, in particular of an electric bicycle, comprising the following steps: measuring a pedaling frequency of the bicycle rider on the pedal shaft; measuring a pedaling force of the bicycle rider; and determining a gear change operating state on the basis of the measured pedaling frequency and on the basis of the measured pedaling force if the measured pedaling frequency is less than or equal to a lower frequency threshold value or is greater than or equal to an upper frequency threshold value, and/or the measured pedaling force is less than or equal to a lower force threshold value or is greater than or equal to an upper force threshold value, wherein, after determining the gear change operating state, a control signal is generated for the gearing according to the determined gear change operating state.

IPC 8 full level

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