

Title (en)

METHOD OF CONTROLLING A FORCE AND/OR RESISTANCE GENERATOR OF AN EXERCISE APPARATUS

Title (de)

VERFAHREN ZUM STEUERN EINES KRAFT- UND/ODER WIDERSTANDSGENERATORS EINES ÜBUNGSGERÄTS

Title (fr)

PROCÉDÉ DE COMMANDE D'UN GÉNÉRATEUR DE FORCE ET/OU RÉSISTANCE D'UN APPAREIL D'EXERCICE

Publication

**EP 4249091 A1 20230927 (EN)**

Application

**EP 22164578 A 20220325**

Priority

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Abstract (en)

The invention relates to a method, in particular a computer implemented method, of controlling a force and/or resistance generator of an exercise apparatus (1), which apparatus comprises a plurality of physical transmission ratios (10, 4) between a user force input device (7-9) and the force and/or resistance generator and at least one shifter (12) to select a desired transmission ratio. The method comprises the steps of determining the engaged physical transmission ratio, mapping the engaged physical gear ratio onto a virtual transmission ratio, and adapting the generated force and/or resistance based on the virtual transmission ratio.

IPC 8 full level

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Citation (applicant)

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- US 2009011907 A1 20090108 - RADOW SCOTT B [US], et al
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