

Title (en)

FREE WHEEL PEDAL CRANK AND BICYCLE OR MEDICAL EXERCISE DEVICES EQUIPPED THEREWITH

Title (de)

FREILAUFRETRETKURBEL UND DAMIT AUSGERÜSTETES FAHRRAD ODER MEDIZINISCHES ÜBUNGSGERÄT

Title (fr)

MANIVELLE DE PEDALIER A ROUE LIBRE ET CYCLETTES OU APPAREILS D'EXERCICES MEDICAUX EQUIPES D'UNE TELLE MANIVELLE

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Application

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Abstract (en)

[origin: WO9830434A2] The invention relates to a free-wheel pedal crank, in particular for bicycles and medical exercise devices, with a crank arm, which has an actuating element in the form of a pedal or similar in the region of its first end, and which, in the region of its second end, can be fastened via a free-wheel to a bottom bracket ball bearing shaft in such a way that, upon rotation of the crank in a first direction, a turning moment is transferred to the bottom bracket ball bearing shaft, and in counter rotational direction, torque decoupling ensues. The invention is characterized in that it has at least one weight body which is fitted at the second end of the crank arm, and which is formed, dimensioned and positioned in such a way that, upon releasing the actuating element, the crank arm automatically swings into a rest position, whereby the crank arm runs substantially upwards from the bottom bracket ball bearing, in relation to the direction of the weight force. The invention further relates to a bicycle or medical exercise device equipped therewith.

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