

Title (en)

DEVICE FOR ENERGY RECOVERY IN BICYCLES WITH A MID-MOUNTED MOTOR DRIVE UNIT AND METHOD FOR OPERATING SAME

Title (de)

VORRICHTUNG ZUR ENERGIERÜCKGEWINNUNG BEI FAHRRÄDERN MIT MITTELMOTORANTRIEBSEINHEIT SOWIE VERFAHREN ZUM BETREIBEN DERSELBEN

Title (fr)

DISPOSITIF DE RÉCUPÉRATION D'ÉNERGIE DANS DES BICYCLETTES AVEC UNE UNITÉ D'ENTRAÎNEMENT DE MOTEUR MONTÉE À MI-HAUTEUR ET PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ

Publication

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Application

EP 21707614 A 20210128

Priority

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- DE 2021200008 W 20210128

Abstract (en)

[origin: CA3167885A1] The invention relates to a device for energy recovery in bicycles with a mid-mounted motor drive unit and at least one rear wheel, comprising a first component that is connected to an element of a rear wheel hub or the rear wheel, in such a way that a rotation of the rear wheel is transmitted to the first component, regardless of the direction of rotation, an energy-transmission device cooperating with the first component, a recovery element that cooperates with the energy-transmission device, and a generator that cooperates with the recovery element to recover the rotational energy of the rotational movement of the rear wheel.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2021151440A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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