

Title (en)

TREAD CRANK DRIVE MECHANISM FOR A BICYCLE

Title (de)

TRETKURBELANTRIEB FÜR EIN FAHRRAD

Title (fr)

MECANISME DE MANIVELLES DE PEDALIER POUR UNE BICYCLETTE

Publication

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Application

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Abstract (en)

[origin: WO0056596A1] The invention relates to a tread crank drive mechanism for a bicycle, comprising two tread cranks (1, 2) rotationally connected to each other by means of a crankshaft (2), consisting of two segments (5, 6) which can pivot in a limited manner relative to one another. The outer segment (6), which is inclined relative to a stretched out position of the tread crank segments (5, 6) opposite the direction of treading (8), is supported by a spring in relation to the inner segment (5) in the direction of treading (8). In order to provide advantageous constructional conditions, an prestressed absorbing spring (13) counteracting the support spring (10) of the outer segment (6) is mounted between the inner and outer segments (5, 6) of the tread cranks (1, 2).

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