

Title (en)

PEDAL CYCLE CRANK APPARATUS AND METHOD

Title (de)

PEDALUMLAUFKURBEL UND VERFAHREN

Title (fr)

APPAREIL DE MANIVELLE DE BICYCLETTE À PÉDALES ET PROCÉDÉ

Publication

EP 2797806 A1 20141105 (EN)

Application

EP 12740384 A 20120711

Priority

- GB 201111816 A 20110711
- GB 2012000585 W 20120711

Abstract (en)

[origin: WO2014009680A1] A pedal cycle includes a crank and frame rotatably mounting the crank and an apparatus for deterring rotation of the crank relative to the frame when the drive is removed therefrom. The apparatus comprises a resilient, plastics drag washer 24 encircling a crank axle 8 and having a thicker inner peripheral portion 24a, clamped between a cover 14 and an inner race 18 of a ball bearing 16 and a thinner outer peripheral portion 24b spaced axially from an outer race 20 which is fixed to the frame. A plurality of grub screws 28 can be screwed in to press the portion 24b adjustably against the outer race 20 and thus to cause the washer 24 to apply an adjustable braking effect against rotation of the crank relative to the frame.

IPC 8 full level

B62M 3/00 (2006.01)

CPC (source: EP)

B62M 3/003 (2013.01)

Citation (search report)

See references of WO 2014009680A1

Citation (examination)

WO 2009136801 A1 20091112 - CRANKLOCK LTD [NZ], et al

Designated contracting state (EPC)

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