

Title (en)

EDDY CURRENT CYCLING RESISTANCE APPARATUS

Title (de)

WIRBELSTROM-FAHRRADWIDERSTANDSVORRICHTUNG

Title (fr)

APPAREIL DE RÉSISTANCE POUR BICYCLETTE À COURANT DE FOUCAULT

Publication

EP 3352866 A4 20190327 (EN)

Application

EP 16848241 A 20160921

Priority

- US 201562221928 P 20150922
- IB 2016055643 W 20160921

Abstract (en)

[origin: WO2017051332A1] of the Disclosure A cycling resistance apparatus includes an adjustment mechanism configured to be attached to a frame, such as a stationary frame or the frame of a bicycle, and a magnet assembly attached to the adjustment mechanism. The adjustment mechanism is configured to position magnets of the magnet assembly at an active position so that a face of each magnet is positioned within a diameter of a bicycle tire and within a width of the bicycle tire, so as to be adjacent an electrically conductive rim of the bicycle wheel. When in the active position, the one or more magnets of the magnet assembly induce eddy currents in the electrically conductive rim of the wheel to provide resistance against rotation of the wheel in the frame.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- See references of WO 2017051332A1

Designated contracting state (EPC)

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