Title (en)

INDOOR BICYCLE ADJUSTMENT METHOD AND SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR ANPASSUNG VON FAHRRÄDERN IN INNENRÄUMEN

Title (fr)

PROCÉDÉ ET SYSTÈME DE RÉGLAGE DE VÉLO D'INTÉRIEUR

Publication

EP 4021594 A4 20240103 (EN)

Application

EP 20857652 A 20200828

Priority

- US 201962893649 P 20190829
- US 201962903483 P 20190920
- US 2020048611 W 20200828

Abstract (en)

[origin: WO2021041967A1] A stationary indoor "smart" training bicycle includes a unique combination of adjustable components to provide configurable dimensions to adjust the frame size of the indoor bicycle to properly fit a rider. A system is also provided to process a digital image of an outdoor bicycle and determine and translate dimensions and adjustments to the indoor bicycle to match one or more dimensions (lengths, angles, separations, etc.) of the outdoor bicycle.

IPC 8 full level

A63B 71/00 (2006.01)

CPC (source: EP KR)

A63B 21/225 (2013.01 - KR); **A63B 22/0605** (2013.01 - EP KR); **A63B 24/0087** (2013.01 - EP); **A63B 71/0622** (2013.01 - KR); A63B 21/225 (2013.01 - EP); A63B 71/0622 (2013.01 - EP); A63B 2071/0675 (2013.01 - EP KR); A63B 2071/0694 (2013.01 - EP KR); A63B 2225/09 (2013.01 - EP KR); A63B 2225/093 (2013.01 - EP KR); A63B 2225/096 (2013.01 - EP KR); A63B 2225/20 (2013.01 - EP); A63B 2225/50 (2013.01 - EP KR)

Citation (search report)

- [X] US 2008058170 A1 20080306 - GIANNASCOLI ANTONIO [CA], et al
- [X] US 2007142177 A1 20070621 - SIMMS CLIFFORD [US], et al
- [X] US 2014221158 A1 20140807 - MABEY PETER [AU], et al
- See also references of WO 2021041967A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

US 2020048611 W 20200828; CN 202080072831 A 20200828; EP 20857652 A 20200828; JP 2022513863 A 20200828; KR 20227009986 A 20200828