

Title (en)
DYNAMIC FIT UNIT

Title (de)
DYNAMISCHE ANPASSUNGSEINHEIT

Title (fr)
UNITÉ D'ADAPTATION DYNAMIQUE

Publication
EP 2897700 A1 20150729 (EN)

Application
EP 13766814 A 20130911

Priority
• US 201213622008 A 20120918
• US 2013059162 W 20130911

Abstract (en)
[origin: WO2014046928A1] An optimal bicycle frame size based on operational characteristics provided by a rider when riding a dynamic fit unit is determined. A best-fit bicycle frame size that is a closest match to the optimal frame size is determined. At least one of the optimal X,Y location of the bicycles handlebar relative to the bottom bracket, and the optimal X,Y location of the bicycles seat relative to the bottom bracket, is determined. A stem and spacer from a list of available stems and spacers that will best fit between the head tube of the best-fit frame and the optimal X,Y location of the handlebar is determined. A seat post from a list of available seat posts that will best fit between the seat tube of the best-fit frame and the optimal X,Y location of the seat is determined. A list of the best-fit frame, the best fit stem and spacer, and the best fit seat post, is produced.

IPC 8 full level
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Citation (search report)
See references of WO 2014046928A1

Citation (examination)
• WO 03024772 A1 20030327 - WINKENBACH LAURENT [CH], et al
• WO 2012120468 A1 20120913 - VAN DER MERWE WILLEM MARE [ZA], et al
• EP 2837329 A1 20150218 - SHIMANO KK [JP]

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

Designated extension state (EPC)
BA ME

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