

Title (en)  
BICYCLE SIMULATOR

Title (de)  
FAHRRADSIMULATOR

Title (fr)  
SIMULATEUR DE BICYCLETTE

Publication  
**EP 3808418 A1 20210421 (EN)**

Application  
**EP 19820308 A 20190415**

Priority  

- KR 20180068394 A 20180614
- KR 20180106047 A 20180905
- KR 20190003288 A 20190110
- KR 2019004519 W 20190415

Abstract (en)  
Provided is a bicycle simulator including: a frame support portion for supporting a bicycle frame, the bicycle frame connecting front and rear wheels of the bicycle; and a base portion supporting the frame support portion, wherein the frame support portion includes: a first support bar having one end portion thereof fixed to the bicycle frame; a second support bar having one end portion thereof fixed to the base portion; and a connection portion for connecting the other end portion of the second support bar and the other end portion of the first support bar, wherein the first support bar is connected to be rotatable about one axis with respect to the second support bar. According to the present disclosure, a bicycle simulator may be provided whereby a road surface having a slope is realized, while various travel modes enabling a steering range to be adjusted according to the type of rider are realized, and thus, a dynamic experience which is extremely similar to an actual riding situation may be achieved.

IPC 8 full level  
**A63B 22/06** (2006.01); **A63B 24/00** (2006.01)

CPC (source: EP KR US)  
**A63B 22/0605** (2013.01 - KR US); **A63B 24/0062** (2013.01 - US); **A63B 24/0087** (2013.01 - EP KR US); **A63B 69/16** (2013.01 - EP); **A63B 71/0622** (2013.01 - US); **A63B 22/16** (2013.01 - EP); **A63B 24/0084** (2013.01 - EP); **A63B 71/0054** (2013.01 - EP); **A63B 71/0622** (2013.01 - EP); **A63B 2022/002** (2013.01 - EP); **A63B 2022/0641** (2013.01 - EP US); **A63B 2024/0068** (2013.01 - EP); **A63B 2024/009** (2013.01 - EP); **A63B 2069/166** (2013.01 - EP); **A63B 2069/168** (2013.01 - EP); **A63B 2071/0638** (2013.01 - EP); **A63B 2071/0644** (2013.01 - EP US); **A63B 2071/0655** (2013.01 - EP US); **A63B 2071/0658** (2013.01 - EP); **A63B 2071/0666** (2013.01 - EP); **A63B 2071/0675** (2013.01 - EP); **A63B 2209/08** (2013.01 - EP); **A63B 2220/17** (2013.01 - EP); **A63B 2220/20** (2013.01 - EP); **A63B 2220/24** (2013.01 - EP); **A63B 2220/30** (2013.01 - EP KR US); **A63B 2220/52** (2013.01 - EP); **A63B 2220/62** (2013.01 - EP); **A63B 2220/70** (2013.01 - EP); **A63B 2220/76** (2013.01 - EP); **A63B 2220/80** (2013.01 - EP); **A63B 2220/805** (2013.01 - EP); **A63B 2220/806** (2013.01 - EP); **A63B 2220/833** (2013.01 - EP); **A63B 2230/01** (2013.01 - EP KR US)

Cited by  
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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)  
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**EP 19820308 A 20190415**; KR 2019004519 W 20190415; KR 20200098118 A 20200805