

Title (en)

ADJUSTABLE LENGTH SHAFT AND AN ADJUSTABLE MASS FOR A GOLF CLUB

Title (de)

SCHAFT MIT EINSTELLBARER LÄNGE UND EINSTELLBARE MASSE FÜR EINEN GOLFSCHLÄGER

Title (fr)

TIGE DE LONGUEUR RÉGLABLE ET MASSE RÉGLABLE POUR UN CLUB DE GOLF

Publication

EP 3837027 A4 20220427 (EN)

Application

EP 19849856 A 20190813

Priority

- US 201862718298 P 20180813
- US 2019046407 W 20190813

Abstract (en)

[origin: WO2020036996A1] A golf club has a first shaft coupled to a club head, a second shaft configured to slidably engage a portion of the first shaft, a grip coupled to the second shaft, and an adjustable length shaft assembly received by the second shaft and configured to allow a portion of the first shaft to slide in relation to the second shaft in a first configuration, and to restrict a portion of the first shaft from sliding in relation to the second shaft in a second configuration. The grip is restricted from rotation about the first shaft or the second shaft as the first shaft slides in relation to the second shaft.

IPC 8 full level

A63B 53/06 (2015.01); **A63B 53/00** (2015.01); **A63B 53/12** (2015.01); **A63B 53/14** (2015.01); **A63B 60/22** (2015.01); **A63B 60/28** (2015.01); **A63B 60/52** (2015.01)

CPC (source: EP KR US)

A63B 53/14 (2013.01 - EP KR); **A63B 60/0085** (2020.08 - EP KR); **A63B 60/04** (2015.10 - EP KR US); **A63B 60/16** (2015.10 - EP KR); **A63B 60/28** (2015.10 - EP KR); **A63B 60/42** (2015.10 - EP KR); **A63B 60/48** (2015.10 - EP); **A63B 60/50** (2015.10 - EP); **A63B 60/26** (2015.10 - EP); **A63B 60/52** (2015.10 - EP); **A63B 2209/00** (2013.01 - EP KR US); **A63B 2209/02** (2013.01 - EP KR); **A63B 2209/10** (2013.01 - EP KR)

Citation (search report)

- [X] US 8747247 B2 20140610 - BEACH TODD P [US], et al
- [X] WO 2016191589 A2 20161201 - KARSTEN MFG CORP [US]
- [XY] US 3539185 A 19701110 - ANDIS ERNEST R
- [Y] JP H09201435 A 19970805 - KAMIMURA YOSHIYASU
- See also references of WO 2020036996A1

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)

WO 2020036996 A1 20200220; EP 3837027 A1 20210623; EP 3837027 A4 20220427; JP 2021533890 A 20211209; JP 7483680 B2 20240515; KR 20210040146 A 20210412

DOCDB simple family (application)

US 2019046407 W 20190813; EP 19849856 A 20190813; JP 2021507666 A 20190813; KR 20217007471 A 20190813