

Title (en)  
PUTTER CLUB

Title (de)  
GOLFSCHLÄGERHAUBE

Title (fr)  
PUTTER

Publication  
**EP 2191875 A1 20100602 (EN)**

Application  
**EP 08831617 A 20080917**

Priority  
• JP 2008002551 W 20080917  
• JP 2007244501 A 20070920

Abstract (en)  
A putter club is provided which enables accurate putting by maintaining an angle of a ball-hitting surface with respect to the horizontal plane during a swing. When a player holds a grip (111) with both hands and back-swings from an address position, a shaft (110) is inclined toward a positive side of an X-axis. In this process, the head (130) is pivoted by its own weight around a rotational axis (124) which is horizontal, which is parallel to the ball-hitting surface (131), and which passes through a center of mass of the head, and an angle of the ball-hitting surface with respect to the horizontal plane is maintained. In the process from start of the swing through an impact to a follow-through, the shaft is inclined toward a negative side of the X-axis. During this process also, the head is pivoted by its own weight around the rotational axis, and the angle of the ball-hitting surface with respect to the horizontal plane is maintained.

IPC 8 full level  
**A63B 53/02** (2015.01); **A63B 53/04** (2015.01); **A63B 102/32** (2015.01)

CPC (source: EP US)  
**A63B 53/007** (2013.01 - EP US); **A63B 53/02** (2013.01 - EP); **A63B 53/023** (2020.08 - EP); **A63B 53/025** (2020.08 - EP);  
**A63B 53/026** (2020.08 - EP); **A63B 60/00** (2015.10 - US); **A63B 53/023** (2020.08 - US); **A63B 53/025** (2020.08 - US);  
**A63B 53/026** (2020.08 - US); **A63B 60/52** (2015.10 - EP US)

Cited by  
KR101879290B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2191875 A1 20100602**; **EP 2191875 A4 20110330**; JP 2009072382 A 20090409; JP 4146884 B1 20080910; US 2010255928 A1 20101007;  
WO 2009037827 A1 20090326

DOCDB simple family (application)  
**EP 08831617 A 20080917**; JP 2007244501 A 20070920; JP 2008002551 W 20080917; US 67912408 A 20080917