

Title (en)

IRON GOLF CLUB HEAD AND IRON GOLF CLUB

Title (de)

EISENGOLFSCHLÄGERKOPF UND EISENGOLFSCHLÄGER

Title (fr)

TÊTE DE CLUB DE GOLF EN FER ET CLUB DE GOLF EN FER

Publication

EP 4289487 A1 20231213 (EN)

Application

EP 23177376 A 20230605

Priority

JP 2022092525 A 20220607

Abstract (en)

An iron golf club head (100) includes a main body (10) and a hosel (20). A face (11) and the hosel (20) are made from the same material. The face (11) includes a thin portion (14) and a thick portion (15) having a larger thickness than the thin portion (14) in a face-to-back direction. The thin portion (14) has a larger area than the thick portion (15). The thick portion (15) is located centrally of a back face (13) in a toe-to-heel direction, surrounded by the thin portion (14), and protrudes from the thin portion (14) in the face-to-back direction. The face has a hardness of HV510 or more and HV600 or less. The hosel (20) has a hardness of HV300 or less.

IPC 8 full level

A63B 53/04 (2015.01)

CPC (source: EP KR US)

A63B 53/02 (2013.01 - KR); **A63B 53/0408** (2020.08 - EP KR US); **A63B 53/0416** (2020.08 - KR); **A63B 53/0433** (2020.08 - KR); **A63B 53/0458** (2020.08 - EP); **A63B 53/047** (2013.01 - EP KR); **A63B 53/0475** (2013.01 - US); **A63B 53/023** (2020.08 - EP US)

Citation (applicant)

JP H046950 B2 19920207

Citation (search report)

- [X] US 2012184394 A1 20120719 - BOYD ROBERT [US], et al
- [A] US 9884231 B2 20180206 - HEBREO JONATHAN [US], et al
- [A] US 6776726 B2 20040817 - SANO YOSHINORI [JP]
- [A] US 6666779 B1 20031223 - IWATA MOTOTAKA [JP], et al
- [A] JP H10108927 A 19980428 - JAPAN ENERGY CORP

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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