

Title (en)
Head for golf club

Title (de)
Golfschlägerkopf

Title (fr)
Tête de club de golf

Publication
EP 0960635 A2 19991201 (EN)

Application
EP 99109095 A 19990507

Priority
• JP 16625798 A 19980529
• JP 32624998 A 19981117

Abstract (en)
The invention provides a head for a golf club which is able to achieve an increase of a moment of inertia, an expansion of a sweet spot and the like without making higher a technique for producing the head, and does not deteriorate a batting feeling during a golf play. A plated layer is provided on a surface of a metal head, or a plated layer made of a material having a specific gravity larger than that of material a metal head is provided on a surface of the metal head. The metal head is one selected from titanium, aluminum, stainless steel and soft iron, the surface of the metal head is applied with a plated layer whose material property is provided to the surface of the metal head, and a chrome, a nickel, a copper and their alloy is suitable for the plated material. The plated layer is made in a multiple layer structure having two or more layers. The nickel is excellent in an adhesion property and a bonding property against the material to be plated therewith and the chrome is great in both of a specific gravity and a hardness, and a combination of the nickel and the chrome is preferable. <IMAGE>

IPC 1-7
A63B 53/04

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

CPC (source: EP KR US)
A63B 53/04 (2013.01 - EP US); **A63B 53/0412** (2020.07 - EP); **A63B 53/0416** (2020.08 - EP KR); **A63B 53/0425** (2020.08 - EP KR); **A63B 53/0429** (2020.08 - KR); **A63B 53/0466** (2013.01 - EP); **A63B 60/00** (2015.10 - US); **A63B 2102/32** (2015.10 - KR); **A63B 2209/00** (2013.01 - KR)

Cited by
US8979679B2; WO0172384A1; WO2010117903A3; US8147352B2; US8475296B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0960635 A2 19991201; **EP 0960635 A3 20010829**; AU 2498799 A 19991209; BR 9901858 A 19991228; CA 2271573 A1 19991129; CN 1237465 A 19991208; ID 22614 A 19991202; JP 2000042148 A 20000215; KR 19990088662 A 19991227; NZ 335678 A 19991028; SG 71209 A1 20000321

DOCDB simple family (application)
EP 99109095 A 19990507; AU 2498799 A 19990429; BR 9901858 A 19990528; CA 2271573 A 19990513; CN 99106140 A 19990427; ID 990447 D 19990514; JP 32624998 A 19981117; KR 19990019543 A 19990528; NZ 33567899 A 19990510; SG 1999002233 A 19990511