

Title (en)

Head of a golf club and method of manufacturing the same.

Title (de)

Golfschlägerkopf und Verfahren zu seiner Herstellung.

Title (fr)

Tête de club de golf et procédé de fabrication de celle-ci.

Publication

**EP 0400277 A1 19901205 (FR)**

Application

**EP 90104148 A 19900303**

Priority

FR 8907246 A 19890601

Abstract (en)

This golf-club head comprises: a hollow body (10) defining an open inner volume (30); a closure element (20) interacting with this body so as to close the inner volume thereof, this closure element having, on the outer side, a surface (22) forming the striking face of the club; and a material (32) filling at least a part of the inner volume of the body, this material contributing to the joining of the closure element to the body. <??>The filling material may, in particular, be injected or cast, before positioning of the handle on the head of the club by means of a hollow lateral shank coupling (14) communicating with the inner volume of the hollow body via which the filling material (32) is introduced. <??>This golf-club head may also comprise an inner transverse surface (40), defined, for example, by an added wall (41), dividing the inner volume of the hollow body so as to reduce the volume of the filling material, as well as means (50) for holding the closure element in position before introduction of the filling material into the hollow body, for example means compressed between the inner transverse surface (40) and the closure element (20). <IMAGE>

IPC 1-7

**A63B 53/04**

IPC 8 full level

**A63B 53/04** (2006.01)

CPC (source: EP US)

**A63B 53/04** (2013.01 - EP US); **A63B 53/0416** (2020.08 - EP); **A63B 53/0466** (2013.01 - EP US); **A63B 60/00** (2015.10 - US);  
**A63B 53/0416** (2020.08 - US)

Citation (search report)

- [Y] US 4438931 A 19840327 - MOTOMIYA TETSUO [JP]
- [Y] US 4429879 A 19840207 - SCHMIDT GLENN H [US]
- [A] US 4545580 A 19851008 - TOMITA OSAMU [JP], et al
- [A] FR 2550457 A1 19850215 - SUMITOMO RUBBER IND [JP]
- [A] US 2781197 A 19570212 - WILEY WILLIAM R

Cited by

FR2693378A1; FR2689406A1; US5570886A; WO9319816A1

Designated contracting state (EPC)

BE DE ES GB SE

DOCDB simple family (publication)

**EP 0400277 A1 19901205; EP 0400277 B1 19930728**; CA 2018093 A1 19901201; DE 69002397 D1 19930902; FR 2647685 A1 19901207;  
JP H0318379 A 19910125; US 5106094 A 19920421

DOCDB simple family (application)

**EP 90104148 A 19900303**; CA 2018093 A 19900601; DE 69002397 T 19900303; FR 8907246 A 19890601; JP 14170390 A 19900601;  
US 53124490 A 19900531