

Title (en)

Golf club including high friction striking face

Title (de)

Golfschläger mit einer eine hohe Reibung aufweisenden Schlagfläche

Title (fr)

Club de golf ayant une face de frappe à friction élevée

Publication

**EP 0898987 A1 19990303 (EN)**

Application

**EP 98116273 A 19980828**

Priority

US 92048397 A 19970829

Abstract (en)

A wood type golf club which is provided with a convex golf ball striking surface has on said surface a metallic matrix containing hard particles which are harder than said metallic matrix and wherein portions of said particles protrude above said metallic matrix surface.

IPC 1-7

**A63B 53/04**

IPC 8 full level

**A63B 53/04** (2006.01); **A63B 59/00** (2006.01)

CPC (source: EP US)

**A63B 53/04** (2013.01 - EP US); **A63B 53/0416** (2020.08 - EP); **A63B 53/042** (2020.08 - EP); **A63B 53/0445** (2020.08 - EP); **A63B 53/0466** (2013.01 - EP); **A63B 60/00** (2015.10 - US); **A63B 60/004** (2020.08 - EP)

Citation (applicant)

US 4768787 A 19880906 - SHIRA CHESTER S [US]

Citation (search report)

- [DX] US 4768787 A 19880906 - SHIRA CHESTER S [US]
- [A] US 3989248 A 19761102 - CAMPAU DANIEL N
- [A] PATENT ABSTRACTS OF JAPAN vol. 096, no. 004 30 April 1996 (1996-04-30)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0898987 A1 19990303**; JP H11128414 A 19990518

DOCDB simple family (application)

**EP 98116273 A 19980828**; JP 24560698 A 19980831