

Title (en)

Putter head with pre-machined insert

Title (de)

Putterkopf mit einem vorbearbeiteten Einsatz

Title (fr)

Tête de putter munie d'un insert pré-usiné

Publication

**EP 1252916 A3 20030910 (EN)**

Application

**EP 02251837 A 20020314**

Priority

GB 0106364 A 20010315

Abstract (en)

[origin: US2002132683A1] The invention provides a head for a putter. The face of the putter head includes very shallow markings having a depth of the order of 50 microns (0.05 mm). The markings are formed on an insert defining the sweet spot of the putter face by an end milling process with the insert being resiliently supported and fixed within a cavity in the head by means of resilient O-rings. Since the resilient O-rings take up any clearance the insert does not need to be made to tight tolerance and can be machined out with the head prior to insertion within the head cavity. The markings produced are radial and non-concentric grooves.

IPC 1-7

**A63B 53/04**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XY] US 4964641 A 19901023 - MIESCH GARY D [US], et al
- [YA] EP 0965366 A1 19991222 - BUCHANAN PUTTER CO LTD [GB]
- [A] US 3387844 A 19680611 - WINSOR SHIPPCE
- [A] JP 2000296191 A 20001024 - DAIWA SEIKO INC

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DOCDB simple family (publication)

**US 2002132683 A1 20020919**; EP 1252916 A2 20021030; EP 1252916 A3 20030910; GB 0106364 D0 20010502; GB 2373733 A 20021002; GB 2373733 A8 20021107; GB 2373733 B 20040818; JP 2002315857 A 20021029

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