

Title (en)

Multi-piece solid golf ball

Title (de)

Mehrteiliger, fester Golfball

Title (fr)

Balle de golf solide en plusieurs pièces

Publication

EP 0895794 A1 19990210 (EN)

Application

EP 98306356 A 19980807

Priority

- JP 22760797 A 19970808
- JP 30796997 A 19971022

Abstract (en)

A multi-piece solid golf ball featuring an increased flight distance, superior control, good feeling, and improved durability is provided. A multi-piece solid golf ball comprising a solid core and a cover having an inner and an outer layer surrounding the core is characterized in that the solid core has a distortion of at least 2.7 mm under an applied load of 100 kg, the inner cover layer is formed mainly of a thermoplastic polyester elastomer to a Shore D hardness of 28-58, and the outer cover layer is formed mainly of a thermoplastic polyurethane elastomer to a Shore D hardness of 30-55.

IPC 1-7

A63B 37/00

IPC 8 full level

A63B 37/00 (2006.01); **A63B 37/04** (2006.01); **A63B 37/12** (2006.01); **A63B 45/00** (2006.01)

CPC (source: EP)

A63B 37/0003 (2013.01); **A63B 37/0031** (2013.01); **A63B 37/0035** (2013.01); **A63B 37/0066** (2013.01)

Citation (applicant)

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- JP H04244174 A 19920901 - TAYLOR MADE GOLF CO
- JP H0424084 A 19920128 - BROTHER IND LTD, et al
- JP H0424085 A 19920128 - BROTHER IND LTD
- JP H0410358 A 19920114 - FURUKAWA BATTERY CO LTD

Citation (search report)

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- [X] WO 9718861 A1 19970529 - ACUSHNET CO [US]
- [A] EP 0637459 A1 19950208 - BRIDGESTONE SPORTS CO LTD [JP] & JP H0724084 A 19950127 - BRIDGESTONE SPORTS CO LTD
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Designated contracting state (EPC)

DE FR GB

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EP 0895794 A1 19990210; **EP 0895794 B1 20031126**; DE 69819975 D1 20040108; DE 69819975 T2 20040902; JP 3516123 B2 20040405; JP H11104270 A 19990420

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