

Title (en)
Golf ball

Title (de)
Golfball

Title (fr)
Balle de golf

Publication
EP 2666521 A1 20131127 (EN)

Application
EP 13164426 A 20130419

Priority

- JP 2012119167 A 20120525
- JP 2012119217 A 20120525
- JP 2012121710 A 20120529
- JP 2012121943 A 20120529

Abstract (en)
A golf ball 2 includes a core 4, an inner cover 8, a mid cover 10, and an outer cover 12. Nine points are determined by dividing a region from a central point of the core 4 to a surface of the core 4 at intervals of 12.5% of a radius of the core 4. When distances (%) from the central point to the nine points and hardnesses at the nine points are plotted in a graph, R² of a linear approximation curve obtained by a least-square method is equal to or greater than 0.95. A hardness Hi of the inner cover 8 is greater than a hardness Hs at the surface of the core 4. A hardness Ho of the outer cover 12 is greater than the hardness Hi. A difference (Hi-Hs) is 1 or greater. A difference (Ho-Hi) is 5 or greater but 30 or less.

IPC 8 full level
A63B 37/00 (2006.01)

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Citation (applicant)

- JP S6137178 A 19860222 - SUMITOMO RUBBER IND
- JP 2008212681 A 20080918 - BRIDGESTONE SPORTS CO LTD
- US 2008214324 A1 20080904 - NANBA ATSUSHI [JP], et al
- JP 2008523952 A 20080710
- US 2006135287 A1 20060622 - KENNEDY THOMAS J III [US], et al
- US 2007173607 A1 20070726 - KENNEDY THOMAS J III [US], et al
- JP 2009119256 A 20090604 - BRIDGESTONE SPORTS CO LTD
- US 2009124757 A1 20090514 - SHINDO JUN [JP], et al
- JP H06154357 A 19940603 - SUMITOMO RUBBER IND
- US 5403010 A 19950404 - YABUKI YOSHIKAZU [JP], et al
- JP 2008194471 A 20080828 - BRIDGESTONE SPORTS CO LTD
- US 7344455 B1 20080318 - HIGUCHI HIROSHI [JP]
- US 2008194358 A1 20080814 - HIGUCHI HIROSHI [JP]
- US 2008194359 A1 20080814 - HIGUCHI HIROSHI [JP], et al
- US 2008214325 A1 20080904 - HIGUCHI HIROSHI [JP], et al
- JP 2008194473 A 20080828 - BRIDGESTONE SPORTS CO LTD
- US 2008194357 A1 20080814 - HIGUCHI HIROSHI [JP]
- US 2008312008 A1 20081218 - HIGUCHI HIROSHI [JP], et al
- JP 2010253268 A 20101111 - BRIDGESTONE SPORTS CO LTD
- US 2010273575 A1 20101028 - WATANABE HIDEO [JP]

Citation (search report)

- [XY] US 2009111611 A1 20090430 - KIMURA AKIRA [JP], et al
- [Y] US 2011159998 A1 20110630 - OHAMA KEIJI [JP], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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