

Title (en)  
Golf ball

Title (de)  
Golfball

Title (fr)  
Balle de golf

Publication  
**EP 1166831 A2 20020102 (EN)**

Application  
**EP 01114651 A 20010619**

Priority  
US 21225100 P 20000619

Abstract (en)  
A golf ball with a conventional core covered with a polymer blend of at least two copolymers. The first blend polymer having a melt index of about 2 to 10 grams/10 min, a flexural modulus of 60,000 to 80,000 PSI, a shore D hardness of about 60 to 70; and the second blend copolymer having a melt index of about .2 to 2 grams/10 minutes, a flexural modulus of 2,000 to 8,000 PSI. The cover has dimples arranged in a pattern according to a dodecahedron, which is also arranged to coincide with pentagons, triangles and rows. In one embodiment the cover has 360 dimples of three different diameters and that optionally have a dual radius. Optionally the dimples are arranged to provide ten great circles free of dimples. <IMAGE>

IPC 1-7  
**A63B 37/14**; **A63B 37/00**

IPC 8 full level  
**A63B 37/00** (2006.01); **A63B 37/12** (2006.01)

CPC (source: EP US)  
**A63B 37/0003** (2013.01 - EP US); **A63B 37/0004** (2013.01 - EP US); **A63B 37/0006** (2013.01 - EP US); **A63B 37/12** (2013.01 - EP US); **A63B 37/0011** (2013.01 - EP US); **A63B 37/0018** (2013.01 - EP US); **A63B 37/002** (2013.01 - EP US); **A63B 37/0031** (2013.01 - EP US); **A63B 37/0036** (2013.01 - EP US); **A63B 37/0037** (2013.01 - EP US)

Citation (applicant)  
• US 4142727 A 19790306 - SHAW MICHAEL, et al  
• US 5192078 A 19930309 - WOO YOUNG-KYU [KR]  
• US 5368304 A 19941129 - SULLIVAN MICHAEL J [US], et al

Cited by  
US8096701B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1166831 A2 20020102**; **EP 1166831 A3 20040414**; US 2002016228 A1 20020207

DOCDB simple family (application)  
**EP 01114651 A 20010619**; US 88465201 A 20010619