

Title (en)

BALL SEGMENT AND COUPLING ELEMENTS WHICH ARE USED TO FORM A FUNCTIONAL BALL

Title (de)

BALLSEGMENT UND ZUR BILDUNG EINES FUNKTIONELLEN BALLS VERWENDETE KOPPLUNGSELEMENTE

Title (fr)

SEGMENT DE BALLON ET ELEMENTS D'ASSEMBLAGE POUR LA FORMATION D'UN BALLON FONCTIONNEL

Publication

EP 1938874 A4 20100331 (EN)

Application

EP 06799443 A 20060915

Priority

- MX 2006000096 W 20060915
- MX PA05009904 A 20050915

Abstract (en)

[origin: EP1938874A1] The present invention is related to the field of toys and/or promotional articles and/or ornamental articles. More specifically it refers to a promotional toy formed by segments of a ball and connecting elements which form a functional ball. The advantage of this invention over the state of the art resides in the fact that the present invention allows for assembling a complete ball using only the bare hands, once all of the necessary segments are collected. It can be used for publicity of consumer products and has connecting means to achieve the first objective and allow it to be used as a ball to be kicked. The segment of a ball and the connecting elements which form a functional ball are characterized by consisting of a connecting system made up of a connecting element affixed to the segment of the ball and an accessory connecting element; the fixed connecting element consisting of a projection tangential cut on the edge of the segment of the ball and on the edge another longer projection parallel to the edge, a space being left between the peripheral edge of the segment and the inside face of the parallel projection.

IPC 8 full level

A63F 9/12 (2006.01); **A63B 39/00** (2006.01); **A63B 39/06** (2006.01); **A63H 33/10** (2006.01)

CPC (source: EP US)

A63B 37/12 (2013.01 - EP US); **A63B 39/00** (2013.01 - EP US); **A63B 43/002** (2013.01 - EP US); **A63F 9/12** (2013.01 - EP US); **A63H 33/10** (2013.01 - EP US); **A63F 2009/1224** (2013.01 - EP US); **A63F 2009/124** (2013.01 - EP US)

Citation (search report)

- [A] DE 9209309 U1 19921022
- [A] DE 20008619 U1 20000810 - S & R OBJEKT IDEE OHG [DE]
- [A] US 4055019 A 19771025 - HARVEY EDWARD HENRY
- [A] WO 9733669 A1 19970918 - OUTMAN KARL S [US]
- [A] US 4836787 A 19890606 - BOO WILLIAM O J [US]
- See references of WO 2007032658A1

Cited by

JP2009508568A; USD885251S

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1938874 A1 20080702; **EP 1938874 A4 20100331**; BR PI0617570 A2 20110726; CN 101300052 A 20081105; JP 2009508568 A 20090305; MX PA05009904 A 20070315; US 2010009788 A1 20100114; WO 2007032658 A1 20070322

DOCDB simple family (application)

EP 06799443 A 20060915; BR PI0617570 A 20060915; CN 200680040442 A 20060915; JP 2008531034 A 20060915; MX 2006000096 W 20060915; MX PA05009904 A 20050915; US 99203706 A 20060915