

Title (en)

BALL HAVING INFORMATION DISPLAY FUNCTION

Title (de)

BALL MIT INFORMATIONSANZEIGEFUNKTION

Title (fr)

BALLON PRÉSENTANT UNE FONCTION D'AFFICHAGE D'INFORMATIONS

Publication

**EP 2896437 A4 20150819 (EN)**

Application

**EP 13837512 A 20130910**

Priority

- KR 20120102801 A 20120917
- KR 2013008166 W 20130910

Abstract (en)

[origin: EP2896437A2] The present invention relates to a ball having an information display function. The ball having an information display function according to the present invention includes a sensor unit which measures motion information of the ball which is moved by a force applied to the ball, a display unit which outputs the motion information outward from the ball, and a power supply unit which has a storage battery and supplies power to the sensor unit and the display unit.

IPC 8 full level

**A63B 71/06** (2006.01); **A63B 41/00** (2006.01); **A63B 43/00** (2006.01); **A63B 43/06** (2006.01)

CPC (source: EP KR US)

**A63B 24/0087** (2013.01 - US); **A63B 41/00** (2013.01 - EP KR US); **A63B 43/00** (2013.01 - EP KR US); **A63B 43/004** (2013.01 - US);  
**A63B 43/06** (2013.01 - KR US); **A63B 71/0622** (2013.01 - EP US); **A63B 2041/005** (2013.01 - EP US); **A63B 2071/0658** (2013.01 - EP US);  
**A63B 2220/12** (2013.01 - EP US); **A63B 2220/30** (2013.01 - EP US); **A63B 2220/40** (2013.01 - EP US); **A63B 2220/62** (2013.01 - EP US);  
**A63B 2220/801** (2013.01 - EP US); **A63B 2225/50** (2013.01 - EP US); **A63B 2225/74** (2020.08 - EP US); **A63B 2230/75** (2013.01 - EP US)

Citation (search report)

- [X] EP 2163282 A1 20100317 - LIN KENG-HSIEN [TW]
- [A] US 5755634 A 19980526 - HUANG TIEN-TSAI [TW]
- See references of WO 2014042402A2

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

DOCDB simple family (publication)

**EP 2896437 A2 20150722; EP 2896437 A4 20150819;** BR 112015005864 A2 20170704; CN 104619382 A 20150513;  
CN 104619382 B 20160914; KR 101369990 B1 20140304; US 2015224369 A1 20150813; WO 2014042402 A2 20140320;  
WO 2014042402 A3 20140508

DOCDB simple family (application)

**EP 13837512 A 20130910;** BR 112015005864 A 20130910; CN 201380047750 A 20130910; KR 20120102801 A 20120917;  
KR 2013008166 W 20130910; US 201314430161 A 20130910