

Title (en)  
BALL GAME TRAINING SYSTEM

Title (de)  
BALLSPIELÜBUNGSSYSTEM

Title (fr)  
SYSTÈME D'ENTRAÎNEMENT DE JEU DE BALLE

Publication  
**EP 3117879 A1 20170118 (EN)**

Application  
**EP 15176669 A 20150714**

Priority  
EP 15176669 A 20150714

Abstract (en)  
The invention provides a ball game training system based on a plurality of wall arrangements comprising walls and support structures. The wall structures can be positioned in a freestanding manner, thanks to support structures. The walls comprise a tactile front surface and electronic equipment for detecting the position of an impact of a ball on the wall. The walls further comprise a grid of LED strips, which form a segmented font display, for example a 7-segment font or display. The training system is configured to be run by a user via a portable computing device, such as a smart phone or computer pad.

IPC 8 full level  
**A63B 69/00** (2006.01); **A63B 24/00** (2006.01); **A63B 71/06** (2006.01); **H04M 1/725** (2006.01)

CPC (source: EP US)  
**A63B 24/0021** (2013.01 - EP); **A63B 69/002** (2013.01 - EP); **A63B 69/0053** (2013.01 - EP US); **A63B 69/0097** (2013.01 - EP); **A63B 71/0622** (2013.01 - EP); **A63B 2024/0043** (2013.01 - EP); **A63B 2071/0694** (2013.01 - EP); **A63B 2209/00** (2013.01 - EP US); **A63B 2220/12** (2013.01 - EP); **A63B 2220/80** (2013.01 - EP); **A63B 2220/808** (2013.01 - EP); **A63B 2220/83** (2013.01 - EP); **A63B 2220/836** (2013.01 - EP); **A63B 2225/093** (2013.01 - EP); **A63B 2225/50** (2013.01 - EP); **A63B 2225/54** (2013.01 - EP); **A63B 2225/74** (2020.08 - EP); **A63B 2243/0025** (2013.01 - EP)

Citation (applicant)  
• GB 2424592 A 20061004 - NUGENT RICHARD JOSEPH JOHN [GB]  
• US 8506370 B2 20130813 - HOMSI KRISTOPHER L [US]  
• EP 0474232 A2 19920311 - SHARP KK [JP]

Citation (search report)  
• [X] EP 0083316 A1 19830706 - MARCHESINI MANLIO [IT], et al  
• [XI] US 6575851 B1 20030610 - LAMBERTI CATHERINE B [US], et al  
• [X] US 2010198528 A1 20100805 - MCCAULEY JACK J [US]  
• [XI] US 2007176368 A1 20070802 - LAMBERTI CATHERINE B [US], et al

Cited by  
BE1029911B1; GB2596369A; GB2596369B; US2020072689A1; WO2022049315A1; WO2023083843A1; WO2022118031A1

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 3117879 A1 20170118**; EP 3322493 A1 20180523; WO 2017009416 A1 20170119

DOCDB simple family (application)  
**EP 15176669 A 20150714**; EP 16748273 A 20160714; EP 2016066746 W 20160714