

Title (en)
FOOTBALL TRAINING APPARATUS

Title (de)
FUSSBALLTRAININGSVORRICHTUNG

Title (fr)
APPAREIL D'ENTRAÎNEMENT AU FOOTBALL

Publication
EP 3183041 A1 20170628 (EN)

Application
EP 15756445 A 20150818

Priority

- GB 201414896 A 20140821
- GB 2015052391 W 20150818

Abstract (en)
[origin: GB2520797A] An apparatus 10 for football training comprises a circular wall 100 having an inward facing surface 110 to provide rebound for a football 50. Multiple target indications 200 are provided at angular locations around the circular wall. The apparatus further includes a control system 210, for activating a series of the target indications, and a monitoring system 220 for determining an angular location of an impact between the football and the inward facing surface. The apparatus is configured to compare the angular location of the impact with the angular location of the target. The circular wall may further be disassembled, comprise a ceiling and have a radius between 3 and 8 meters. The target indications may comprise lights of different colours that can be activated individually or simultaneously to provide either, extended targets or multiple targets. Adjacent lights may also be activated in turn to provide moving targets. Targets are controlled by the control system and may be activated by an audio output from a speaker system. The monitoring system may only detect impact between the ball and the inward facing surface, or it may continuously track the ball.

IPC 8 full level
A63B 21/055 (2006.01); **A63B 23/04** (2006.01); **A63B 24/00** (2006.01); **A63B 63/00** (2006.01); **A63B 69/00** (2006.01); **A63B 71/02** (2006.01); **A63B 71/06** (2006.01)

CPC (source: EP GB US)
A63B 21/0552 (2013.01 - EP US); **A63B 21/4001** (2015.10 - EP US); **A63B 23/047** (2013.01 - EP US); **A63B 24/0021** (2013.01 - EP GB US); **A63B 24/0062** (2013.01 - EP US); **A63B 24/0087** (2013.01 - EP US); **A63B 63/007** (2013.01 - GB); **A63B 69/002** (2013.01 - EP GB US); **A63B 69/0097** (2013.01 - EP GB US); **A63B 71/03** (2020.08 - EP GB US); **A63B 71/0622** (2013.01 - EP US); **A63B 71/0686** (2013.01 - EP US); **A63B 2024/0037** (2013.01 - EP US); **A63B 2024/004** (2013.01 - EP GB US); **A63B 2024/0043** (2013.01 - EP GB US); **A63B 2024/0056** (2013.01 - EP US); **A63B 2024/0065** (2013.01 - EP US); **A63B 2024/0068** (2013.01 - EP US); **A63B 2024/0093** (2013.01 - EP US); **A63B 2071/0625** (2013.01 - EP US); **A63B 2071/063** (2013.01 - EP US); **A63B 2071/0641** (2013.01 - EP US); **A63B 2071/0658** (2013.01 - EP US); **A63B 2071/0694** (2013.01 - EP US); **A63B 2209/02** (2013.01 - EP US); **A63B 2210/50** (2013.01 - EP US); **A63B 2220/17** (2013.01 - EP US); **A63B 2220/40** (2013.01 - US); **A63B 2220/805** (2013.01 - EP US); **A63B 2220/806** (2013.01 - US); **A63B 2220/808** (2013.01 - EP US); **A63B 2220/833** (2013.01 - EP US); **A63B 2225/10** (2013.01 - EP US); **A63B 2225/50** (2013.01 - EP US); **A63B 2225/54** (2013.01 - EP US); **A63B 2225/74** (2020.08 - EP US)

Citation (search report)
See references of WO 2016027074A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR 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)
GB 201414896 D0 20141008; **GB 2520797 A 20150603**; **GB 2520797 B 20170607**; EP 3183041 A1 20170628; EP 3183041 B1 20180718; US 2017259144 A1 20170914; WO 2016027074 A1 20160225

DOCDB simple family (application)
GB 201414896 A 20140821; EP 15756445 A 20150818; GB 2015052391 W 20150818; US 201515505362 A 20150818