

Title (en)

A METHOD AND APPARATUS FOR PROJECTING AN ARTICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM WERFEN EINES ARTIKELS

Title (fr)

PROCÉDÉ ET APPAREIL DE PROJECTION D'UN OBJET

Publication

EP 1996299 A4 20110504 (EN)

Application

EP 07701572 A 20070302

Priority

- AU 2007000251 W 20070302
- AU 2006901068 A 20060303
- AU 2006905463 A 20061004

Abstract (en)

[origin: WO2007098554A1] The present invention relates generally to methods and devices for projecting articles. In particular, the present invention relates to a method and apparatus for projecting balls and like articles for interaction with a player where a player may, for example, be considered a human training for or playing a ball sport or, an animal such as a dog exercising by retrieving the projected article. In one form, the invention relates to a method and apparatus for projecting an article comprising: feeding at least one article into a launching means wherein the launching means comprises a plurality of independently controlled rotating drive devices each device adapted to provide contact between the launching means and the at least one article for providing a component of drive force to launch the at least one article; attenuating at least one component of drive force to control the 3-Dimensional spin of the launched article by moving at least one drive device whilst maintaining the orientation of the axis of rotation of said drive device.

IPC 8 full level

A63B 65/12 (2006.01); **A63B 69/40** (2006.01)

CPC (source: EP US)

A63B 69/0053 (2013.01 - EP US); **A63B 69/406** (2013.01 - EP US); **A63B 43/00** (2013.01 - EP US); **A63B 69/0015** (2013.01 - EP US);
A63B 69/38 (2013.01 - EP US); **A63B 2047/004** (2013.01 - EP US); **A63B 2069/402** (2013.01 - EP US); **A63B 2208/14** (2013.01 - EP US);
A63B 2225/15 (2013.01 - EP US); **A63B 2225/54** (2013.01 - EP US)

Citation (search report)

- [XY] US 4250862 A 19810217 - SPEER RICHARD
- [Y] GB 2293979 A 19960417 - PRYOR HENRY CHARLES [GB]
- [A] US 4094294 A 19780613 - SPEER RICHARD
- See references of WO 2007098554A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007098554 A1 20070907; AU 2007219730 A1 20070907; EP 1996299 A1 20081203; EP 1996299 A4 20110504;
US 2009217918 A1 20090903

DOCDB simple family (application)

AU 2007000251 W 20070302; AU 2007219730 A 20070302; EP 07701572 A 20070302; US 28158207 A 20070302