

Title (en)
TRAINING PANTS

Title (de)
TRAININGSHOSE

Title (fr)
PANTALON D#ENTRAINEMENT

Publication
EP 3406302 A1 20181128 (EN)

Application
EP 18152038 A 20180117

Priority
ES 201730616 U 20170526

Abstract (en)
The present invention aims to provide training pants to overload the user's leg with resistances and as a result increase their muscular force, thereby strengthening the user's legs, particularly designed for practicing taekwondo or karate, and consist of a belt (11) and heel supports (40) that are adjustable in order to tighten resistance bands (21, 22, 21', 22') that can be joined to the belt (11) at the upper end thereof and to the heel supports (40) at the lower end thereof, characterized in that they have kneepads (30, 30') with loops through which the resistance bands (21, 22, 21', 22') pass that create tension in the flexion angle on the rear part of the knees. The belt (11) defines a surface that is adjustable to the user and has at least a snap-type buckle (12) and it includes a series of ring-shaped holes that are reinforced on the outer edge thereof (12, 13, 12', 13').

IPC 8 full level
A63B 21/00 (2006.01); **A41D 13/00** (2006.01); **A63B 21/055** (2006.01)

CPC (source: BR EA EP US)
A41D 1/08 (2013.01 - US); **A41D 13/00** (2013.01 - EA); **A41D 13/0005** (2013.01 - BR); **A41D 13/0015** (2013.01 - EA);
A41D 31/18 (2019.01 - EP US); **A63B 21/00** (2013.01 - US); **A63B 21/0004** (2013.01 - US); **A63B 21/00069** (2013.01 - EA EP US);
A63B 21/00185 (2013.01 - EA EP US); **A63B 21/02** (2013.01 - US); **A63B 21/0414** (2013.01 - US); **A63B 21/055** (2013.01 - US);
A63B 21/0552 (2013.01 - EA EP US); **A63B 21/0557** (2013.01 - EA EP US); **A63B 21/4009** (2015.10 - EA EP US); **A63B 21/4011** (2015.10 - US);
A63B 21/4013 (2015.10 - EA EP US); **A63B 21/4015** (2015.10 - EA EP US); **A63B 21/4025** (2015.10 - EP US); **A63B 23/04** (2013.01 - US);
A63B 71/1225 (2013.01 - US); **A41D 2200/10** (2013.01 - EP US); **A41D 2600/10** (2013.01 - US); **A63B 2071/125** (2013.01 - EP US);
A63B 2209/00 (2013.01 - BR EA EP US); **A63B 2209/02** (2013.01 - EP); **A63B 2209/10** (2013.01 - EP US); **A63B 2225/09** (2013.01 - EP);
A63B 2244/106 (2013.01 - US)

Citation (applicant)
• US 5203754 A 19930420 - MACLEAN COLIN R [US]
• US 6179760 B1 20010130 - RUMBAUGH GARRY [US]
• US 5308305 A 19940503 - ROMNEY JAN W [US]

Citation (search report)
• [X] US 6099446 A 20000808 - JOHNSON DERRICK [US], et al
• [X] US 5720042 A 19980224 - WILKINSON WILLIAM T [US]
• [X] ES 1069440 U 20090316 - FERNANDEZ BOCANEGRA JAVIER [ES]
• [A] US 5201074 A 19930413 - DICKER TIMOTHY P [US]
• [A] US 5993362 A 19991130 - GHOBADI ARTHUR SOROUS [US]

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 3406302 A1 20181128; BR 202018010675 U2 20181218; CA 3005783 A1 20181126; EA 201891031 A2 20181130;
EA 201891031 A3 20190329; ES 1185433 U 20170616; ES 1185433 Y 20170908; US 2018338547 A1 20181129

DOCDB simple family (application)
EP 18152038 A 20180117; BR 202018010675 U 20180525; CA 3005783 A 20180524; EA 201891031 A 20180524; ES 201730616 U 20170526;
US 201815924578 A 20180319