

Title (en)

DOUBLE PULL SQUARED-CORD SHOE CLOSURE SYSTEM

Title (de)

SCHUHVERSCHLUSSSYSTEM MIT QUADRATISCHEM DOPPELZUGSENKEL

Title (fr)

SYSTÈME DE FERMETURE DE CHAUSSURE À DOUBLE CORDON DE TIRAGE CARRÉ

Publication

EP 3506779 A4 20200708 (EN)

Application

EP 17851315 A 20170831

Priority

- US 201615253178 A 20160831
- US 201762535063 P 20170720
- US 2017049759 W 20170831

Abstract (en)

[origin: WO2018052731A1] A system for securing shoes to the feet using a one or two pull shoe closure arrangement. Each embodiment of the system uses a squared-cord arrangement that extends between the lateral and medial sides of the shoe. The various embodiments arrange either one or two draw straps connected to one or more squared-cord portions to draw in and tighten the sides of the squared-cord arrangement. A single pull strap in a first embodiment is redirected from a lateral orientation to a longitudinal orientation where it is drawn back and secured on the heel portion of the shoe. Alternate embodiments pull two parallel shorter draw straps laterally to points of securement on the sides of the shoe. Further alternate embodiments pull a draw strap longitudinally along a midline at the top of the shoe to a point of securement back onto the squared-cord arrangement.

IPC 8 full level

A43C 1/06 (2006.01); **A43C 1/00** (2006.01); **A43C 1/02** (2006.01); **A43C 7/08** (2006.01); **A43C 11/00** (2006.01); **A43C 11/06** (2006.01);
A43C 11/10 (2006.01); **A43C 11/14** (2006.01)

CPC (source: EP KR)

A43C 1/00 (2013.01 - EP); **A43C 1/003** (2013.01 - EP); **A43C 1/02** (2013.01 - EP KR); **A43C 1/04** (2013.01 - KR); **A43C 1/06** (2013.01 - EP KR);
A43C 7/06 (2013.01 - KR); **A43C 7/08** (2013.01 - KR); **A43C 11/008** (2013.01 - EP); **A43C 11/06** (2013.01 - EP KR);
A43C 11/10 (2013.01 - EP KR); **A43C 11/14** (2013.01 - EP); **A43C 11/1493** (2013.01 - EP)

Citation (search report)

- [A] WO 2013122382 A1 20130822 - DONGJIN LEISURE CO LTD [KR]
- [A] US 2016044994 A1 20160218 - SODERBERG MARK [US], et al
- [A] JP 2008259685 A 20081030 - MIZUNO KK
- [A] US 4282657 A 19810811 - ANTONIOUS ANTHONY J
- See references of WO 2018052731A1

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

DOCDB simple family (publication)

WO 2018052731 A1 20180322; AU 2017325933 A1 20190418; CA 3074429 A1 20180322; CN 109890237 A 20190614;
EP 3506779 A1 20190710; EP 3506779 A4 20200708; JP 2019528840 A 20191017; JP 7121727 B2 20220818; KR 20190045280 A 20190502

DOCDB simple family (application)

US 2017049759 W 20170831; AU 2017325933 A 20170831; CA 3074429 A 20170831; CN 201780066836 A 20170831;
EP 17851315 A 20170831; JP 2019511886 A 20170831; KR 20197009307 A 20170831