

Title (en)
GARMENT SYSTEM INCLUDING AT LEAST ONE SENSOR AND AT LEAST ONE ACTUATOR RESPONSIVE TO THE SENSOR AND RELATED METHODS

Title (de)
KLEIDUNGSSYSTEM MIT MINDESTENS EINEM SENSOR UND MINDESTENS EINEM AUF DEN SENSOR REAGIERENDEN AKTUATOR UND ZUGEHÖRIGE VERFAHREN

Title (fr)
SYSTÈME DE VÊTEMENT COMPRENANT AU MOINS UN CAPTEUR ET AU MOINS UN ACTIONNEUR SENSIBLE AU CAPTEUR, ET PROCÉDÉS ASSOCIÉS

Publication
EP 3212066 A4 20180704 (EN)

Application
EP 15855573 A 20151029

Priority
• US 201414529006 A 20141030
• US 201414529046 A 20141030
• US 2015057954 W 20151029

Abstract (en)
[origin: WO2016069842A1] Embodiments disclosed herein relate to a garment system including at least one sensor, and at least one actuator that operates responsive to sensing feedback from the at least one sensor to selectively constrict or selectively dilate at least one flexible compression garment. Such selective constriction or dilation of the at least one flexible compression garment against at least one body part can improve muscle functioning or joint functioning during an activity, such as a sport or other activity.

IPC 8 full level
A61B 5/00 (2006.01); **A61B 5/11** (2006.01)

CPC (source: CN EP US)
A61B 5/11 (2013.01 - CN EP); **A61B 5/4836** (2013.01 - CN EP US); **A61B 5/6804** (2013.01 - CN EP US); **A61F 5/0102** (2013.01 - EP); **A61F 5/0109** (2013.01 - EP); **G16H 20/30** (2017.12 - EP US); **G16H 40/67** (2017.12 - EP US); **A41D 2600/10** (2013.01 - CN EP); **A61B 5/1107** (2013.01 - CN EP); **A61B 5/1118** (2013.01 - CN EP); **A61B 5/112** (2013.01 - CN EP); **A61B 5/4519** (2013.01 - CN EP); **A61B 5/4528** (2013.01 - CN EP); **A61B 5/6807** (2013.01 - CN EP); **A61B 5/6828** (2013.01 - CN EP); **A61F 2005/0155** (2013.01 - EP); **A61F 2005/0188** (2013.01 - EP); **A61H 9/0092** (2013.01 - CN EP); **A61H 2201/1604** (2013.01 - CN EP); **A61H 2201/1628** (2013.01 - CN EP); **A61H 2201/1635** (2013.01 - CN EP); **A61H 2201/164** (2013.01 - CN EP); **A61H 2201/165** (2013.01 - CN EP); **A61H 2201/5007** (2013.01 - CN EP); **A61H 2201/5012** (2013.01 - CN EP); **A61H 2201/5058** (2013.01 - CN EP); **A61H 2201/5064** (2013.01 - CN EP); **A61H 2201/5071** (2013.01 - CN EP); **A61H 2201/5076** (2013.01 - CN EP); **A61H 2201/5082** (2013.01 - CN EP); **A61H 2201/5084** (2013.01 - CN EP); **A61H 2201/5097** (2013.01 - CN EP); **A61H 2230/06** (2013.01 - CN EP); **A61H 2230/08** (2013.01 - CN EP); **A61H 2230/207** (2013.01 - CN EP); **A61H 2230/30** (2013.01 - CN EP); **A61H 2230/50** (2013.01 - CN EP); **A61H 2230/60** (2013.01 - CN EP); **G01S 19/19** (2013.01 - CN EP)

Citation (search report)
• [X] US 2012203132 A1 20120809 - BLUMENSOHN UZI [IL], et al
• [I] WO 2014066077 A1 20140501 - 3M INNOVATIVE PROPERTIES CO [US], et al
• [A] US 2014303460 A1 20141009 - CORLEY GAVIN [IE], et al
• See references of WO 2016069842A1

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 2016069842 A1 20160506; CN 107205644 A 20170926; EP 3212066 A1 20170906; EP 3212066 A4 20180704; HK 1243905 A1 20180727

DOCDB simple family (application)
US 2015057954 W 20151029; CN 201580064917 A 20151029; EP 15855573 A 20151029; HK 18103680 A 20180316