

Title (en)  
PRESSURE APPLICATION GARMENT

Title (de)  
BEKLEIDUNGSSTÜCK MIT DRUCKANWENDUNG

Title (fr)  
VÊTEMENT D'APPLICATION DE PRESSION

Publication  
**EP 3801435 B1 20230712 (EN)**

Application  
**EP 19726448 A 20190529**

Priority  
• FR 1854686 A 20180531  
• EP 2019064039 W 20190529

Abstract (en)  
[origin: WO2019229160A1] This pressure application garment (1) comprises three active parts (3, 4, 5), which are one abdominal active part (3) intended to surround the subject's abdomen and two lower active parts (4, 5) each intended to surround one of the subject's lower limbs, each of the active parts (3, 4, 5) comprising at least one bladder (31, 41, 51) fillable with a fluid so as to obtain a homogeneous positive pressure applied by the active part to the whole of the corresponding body part of the subject among the abdomen and the lower limbs. The pressure application garment (1) comprises: - for each active part (3, 4, 5), at least one interface pressure sensor (2) configured to measure a pressure at the interface between the active part and the corresponding body part of the subject while being positioned between the active part and the corresponding body part of the subject, - a control unit comprising a receiving module configured to receive the interface pressure measurements from the one or more interface pressure sensors (2) of each active part (3, 4, 5), and a driving module configured to control, based on the interface pressure measurements received by the receiving module for each active part, at least one injection device for injecting fluid into the one or more fillable bladders (31, 41, 51) of the active part, so as to maintain a predefined interface pressure value for said active part.

IPC 8 full level  
**A61H 9/00** (2006.01)

CPC (source: EP)  
**A61H 9/0078** (2013.01); **A61H 2201/1626** (2013.01); **A61H 2201/163** (2013.01); **A61H 2201/1642** (2013.01); **A61H 2201/165** (2013.01); **A61H 2201/5005** (2013.01); **A61H 2201/5071** (2013.01); **A61H 2205/083** (2013.01); **A61H 2205/10** (2013.01); **A61H 2209/00** (2013.01)

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 2019229160 A1 20191205**; CN 112533572 A 20210319; CN 112533572 B 20230407; DK 3801435 T3 20230925; EP 3801435 A1 20210414; EP 3801435 B1 20230712; ES 2956796 T3 20231228; FR 3081704 A1 20191206; FR 3081704 B1 20231117; JP 2021533947 A 20211209; JP 7462617 B2 20240405; PL 3801435 T3 20231106; PT 3801435 T 20230921

DOCDB simple family (application)  
**EP 2019064039 W 20190529**; CN 201980036569 A 20190529; DK 19726448 T 20190529; EP 19726448 A 20190529; ES 19726448 T 20190529; FR 1854686 A 20180531; JP 2021517518 A 20190529; PL 19726448 T 20190529; PT 19726448 T 20190529