

Title (en)
PATCH SYSTEMS FOR USE WITH ASSISTIVE EXOSUIT

Title (de)
PATCHSYSTEME ZUR VERWENDUNG MIT EINEM UNTERSTÜTZENDEN EXOSUIT

Title (fr)
SYSTÈMES DE PATCHS DESTINÉS À UN COSTUME ROBOTIQUE D'ASSISTANCE

Publication
EP 3529010 A1 20190828 (EN)

Application
EP 17878383 A 20171208

Priority
• US 201662431779 P 20161208
• US 201715684466 A 20170823
• US 2017065403 W 20171208

Abstract (en)
[origin: WO2018107085A1] Exosuit systems and methods according to various embodiments are described herein. The exosuit system can be a suit that is worn by a wearer on the outside of his or her body. It may be worn under the wearer's normal clothing, over their clothing, between layers of clothing, or may be the wearer's primary clothing itself. The exosuit may be assistive, as it physically assists the wearer in performing particular activities, or can provide other functionality such as communication to the wearer through physical expressions to the body, engagement of the environment, or capturing of information from the wearer. One or more patch assemblies may be removably coupled to the exosuit.

IPC 8 full level
B25J 9/00 (2006.01); **B25J 9/08** (2006.01); **B25J 9/16** (2006.01)

CPC (source: EP)
A61B 5/369 (2021.01); **A61B 5/389** (2021.01); **A61B 5/6831** (2013.01); **A61H 1/024** (2013.01); **A61H 1/0244** (2013.01); **A61H 1/0266** (2013.01); **A61H 1/0292** (2013.01); **A61H 3/00** (2013.01); **A63B 21/0054** (2015.10); **A61B 5/6812** (2013.01); **A61B 5/6828** (2013.01); **A61B 2562/0219** (2013.01); **A61B 2562/0247** (2013.01); **A61F 5/0102** (2013.01); **A61F 2005/0155** (2013.01); **A61H 2201/1215** (2013.01); **A61H 2201/123** (2013.01); **A61H 2201/1238** (2013.01); **A61H 2201/1253** (2013.01); **A61H 2201/149** (2013.01); **A61H 2201/1619** (2013.01); **A61H 2201/1623** (2013.01); **A61H 2201/1628** (2013.01); **A61H 2201/1635** (2013.01); **A61H 2201/164** (2013.01); **A61H 2201/1647** (2013.01); **A61H 2201/165** (2013.01); **A61H 2201/1676** (2013.01); **A61H 2201/501** (2013.01); **A61H 2201/5046** (2013.01); **A61H 2201/5048** (2013.01); **A61H 2201/5061** (2013.01); **A61H 2201/5064** (2013.01); **A61H 2201/5084** (2013.01); **A61H 2201/5097** (2013.01); **A61H 2230/60** (2013.01); **A63B 21/00178** (2013.01); **A63B 21/008** (2013.01); **A63B 21/023** (2013.01); **A63B 21/152** (2013.01); **A63B 21/4009** (2015.10); **A63B 21/4013** (2015.10); **A63B 21/4015** (2015.10); **A63B 21/4025** (2015.10); **A63B 21/4047** (2015.10); **A63B 23/03541** (2013.01); **A63B 23/0405** (2013.01); **A63B 24/0087** (2013.01); **A63B 2071/0666** (2013.01); **A63B 2071/068** (2013.01); **A63B 2220/24** (2013.01); **A63B 2220/40** (2013.01); **A63B 2220/51** (2013.01); **A63B 2220/801** (2013.01); **A63B 2225/20** (2013.01); **A63B 2225/50** (2013.01); **A63B 2230/60** (2013.01); **F16H 19/0654** (2013.01); **G09B 19/0038** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018107085 A1 20180614; CN 110290898 A 20190927; CN 110290898 B 20221014; EP 3529010 A1 20190828; EP 3529010 A4 20200715; JP 2020512039 A 20200423

DOCDB simple family (application)
US 2017065403 W 20171208; CN 201780075614 A 20171208; EP 17878383 A 20171208; JP 2019530475 A 20171208