

Title (en)

APPARATUS FOR DAMPING INVOLUNTARY HAND MOTIONS

Title (de)

VORRICHTUNG ZUR MINDERUNG VON UNWILLKÜRLICHEN HANDBEWEGUNGEN

Title (fr)

APPAREIL POUR AMORTIR DES MOUVEMENTS INVOLONTAIRES DE LA MAIN

Publication

EP 3515375 A4 20200513 (EN)

Application

EP 17852021 A 20170915

Priority

- US 201662397994 P 20160922
- US 201715459513 A 20170315
- CA 2017051087 W 20170915

Abstract (en)

[origin: WO2018053624A1] An apparatus for damping involuntary hand motions occurring in at least first and second directions is provided, the first direction being opposite the second direction. The apparatus is securable to a hand and a forearm and comprises at least a first body having a terminal movable in an internal space in the body. The body contains a Non-Newtonian fluid. A link connects the terminal to a first portion of the apparatus.

IPC 8 full level

A61F 5/00 (2006.01); **A61F 2/54** (2006.01); **A61F 5/37** (2006.01); **A61H 99/00** (2006.01); **A61L 31/14** (2006.01)

CPC (source: EP)

A61F 5/01 (2013.01); **A61F 5/37** (2013.01); **A61H 3/00** (2013.01); **A61H 23/006** (2013.01); **A61H 23/0263** (2013.01); **A61H 99/00** (2013.01); **A61H 2201/1638** (2013.01); **A61H 2201/1676** (2013.01)

Citation (search report)

- [XAI] WO 9641973 A1 19961227 - BETH ISRAEL HOSPITAL [US], et al
- [A] US 5653680 A 19970805 - CRUZ MARK K [US]
- [A] WO 2016102958 A1 20160630 - GYROGEAR LTD [GB]
- See references of WO 2018053624A1

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 2018053624 A1 20180329; EP 3515375 A1 20190731; EP 3515375 A4 20200513; JP 2020500040 A 20200109

DOCDB simple family (application)

CA 2017051087 W 20170915; EP 17852021 A 20170915; JP 2019516434 A 20170915