

Title (en)
MODULAR VERTEBRAL ELEMENTS FOR FLEXIBLE EXOSKELETONS

Title (de)
MODULARE WIRBELKÖRPERELEMENTE FÜR FLEXIBLE EXOSKELETTE

Title (fr)
ÉLÉMENTS VERTÉBRAUX MODULAIRES POUR EXOSQUELETTES SOUPLES

Publication
EP 4021367 A1 20220706 (EN)

Application
EP 20771356 A 20200827

Priority
• IT 201900015159 A 20190828
• IB 2020058001 W 20200827

Abstract (en)
[origin: WO2021038481A1] An exoskeleton configured to be worn by a user and comprising a plurality of modular vertebral elements (1) connected together along a longitudinal axis by flexible connecting means, each vertebral element (1) comprising a central body (10) provided with a supporting surface (100) on the user's body and a free surface (101) opposite said supporting surface. The exoskeleton comprises a cable (2) engaged with at least two vertebral elements (1), at least some vertebral elements (1) being provided with means for guiding said cable (2) and with a spacing member of said guiding means from said free surface (101).

IPC 8 full level
A61H 3/00 (2006.01)

CPC (source: EP)
A61H 3/00 (2013.01); **A61H 2003/007** (2013.01)

Citation (search report)
See references of WO 2021038481A1

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 2021038481 A1 20210304; EP 4021367 A1 20220706; IT 201900015159 A1 20210228

DOCDB simple family (application)
IB 2020058001 W 20200827; EP 20771356 A 20200827; IT 201900015159 A 20190828