

Title (en)  
VIBRATION DEVICE

Title (de)  
VIBRATIONSVORRICHTUNG

Title (fr)  
DISPOSITIF DE VIBRATION

Publication  
**EP 4069177 A1 20221012 (EN)**

Application  
**EP 20896512 A 20200709**

Priority  
• US 201962943188 P 20191203  
• US 2020041294 W 20200709

Abstract (en)  
[origin: WO2021112922A1] A device is described for delivering a therapeutic vibration to a body. The device may include at least two motors in a housing with unbalanced masses coupled to their axles, such that vibration of the masses causes the two motors and housing to vibrate at a beat frequency. The motors and housing may be coupled to the body via a platform which places the motors and housings at or near a resonant structure in the body, creating a coupled oscillation between the platform and the body. Feedback loops, external stimulation, diagnostic routines and artificial intelligence techniques may be applied to the system to enhance the user's experience.

IPC 8 full level  
**A61H 31/00** (2006.01); **A61H 23/00** (2006.01); **A61H 23/02** (2006.01)

CPC (source: EP)  
**A61H 1/005** (2013.01); **A61H 23/0263** (2013.01); **A61H 2023/0272** (2013.01); **A61H 2201/0134** (2013.01); **A61H 2201/0146** (2013.01); **A61H 2201/0149** (2013.01); **A61H 2201/02** (2013.01); **A61H 2201/1215** (2013.01); **A61H 2201/1623** (2013.01); **A61H 2201/1633** (2013.01); **A61H 2201/1635** (2013.01); **A61H 2201/165** (2013.01); **A61H 2201/5007** (2013.01); **A61H 2201/5097** (2013.01); **A61H 2203/0431** (2013.01); **A61H 2203/0443** (2013.01); **A61H 2205/027** (2013.01); **A61H 2205/06** (2013.01); **A61H 2205/08** (2013.01); **A61H 2205/081** (2013.01); **A61H 2230/065** (2013.01); **A61H 2230/085** (2013.01); **A61H 2230/105** (2013.01); **A61H 2230/208** (2013.01); **A61H 2230/255** (2013.01); **A61H 2230/305** (2013.01); **A61H 2230/405** (2013.01); **A61H 2230/505** (2013.01); **A61H 2230/605** (2013.01)

Citation (search report)  
See references of WO 2021112922A1

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 2021112922 A1 20210610**; EP 4069177 A1 20221012; JP 2023500737 A 20230110

DOCDB simple family (application)  
**US 2020041294 W 20200709**; EP 20896512 A 20200709; JP 2022533365 A 20200709