

Title (en)

APPARATUS FOR EXTRA-CORPORAL TREATMENT USING SHOCK WAVES

Title (de)

VORRICHTUNG FÜR EXTRAKORPORALE BEHANDLUNG MITTELS STOSSWELLEN

Title (fr)

APPAREIL POUR LE TRAITEMENT EXTRACORPOREL PAR ONDES DE CHOC

Publication

**EP 2804573 A1 20141126 (FR)**

Application

**EP 13701954 A 20130121**

Priority

- BE 201200045 A 20120120
- EP 2013051005 W 20130121

Abstract (en)

[origin: WO2013107898A1] The present invention relates to an apparatus for use in the extra-corporal treatment of the body, said apparatus comprising: (a) a handle (1) via which the apparatus can be manipulated, (b) a drive member (3) arranged preferably inside the handle and allowing transmission to a coupling means (2) of a periodic reciprocating movement back and forth along a longitudinal axis Z at a frequency f of between 1 and 500 Hz and an amplitude A of between 0.4 and 40 mm, (c) a massage head (4a) fixed to a first end of a column (4b), the opposite second end of which is designed to be coupled securely to the coupling means (2) connected to the drive member (3) so that the column runs substantially parallel to the longitudinal axis of oscillation of the coupling means, the time-based curve representing the oscillation of the massage head (4b) being asymmetric and characterized by a displacement time to cover the distance H between an extreme end-of-travel position and its central half-travel position that is shorter than the displacement time taken to cover the same distance H between its central half-travel position and an extreme end-of-travel position.

IPC 8 full level

**A61H 23/00** (2006.01); **A61H 23/02** (2006.01); **A61H 23/04** (2006.01)

CPC (source: EP)

**A61H 23/006** (2013.01); **A61H 23/008** (2013.01); **A61H 23/0236** (2013.01); **A61H 23/0254** (2013.01); **A61H 23/04** (2013.01); **A61H 1/008** (2013.01); **A61H 2201/0153** (2013.01); **A61H 2201/1207** (2013.01); **A61H 2201/1246** (2013.01); **A61H 2201/149** (2013.01); **A61H 2201/1664** (2013.01)

Citation (search report)

See references of WO 2013107898A1

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)

**BE 1020090 A5 20130402**; EP 2804573 A1 20141126; WO 2013107898 A1 20130725

DOCDB simple family (application)

**BE 201200045 A 20120120**; EP 13701954 A 20130121; EP 2013051005 W 20130121