

**CPC****COOPERATIVE PATENT CLASSIFICATION****A61H**

**PHYSICAL THERAPY APPARATUS, e.g. DEVICES FOR LOCATING OR STIMULATING REFLEX POINTS IN THE BODY; ARTIFICIAL RESPIRATION; MASSAGE; BATHING DEVICES FOR SPECIAL THERAPEUTIC OR HYGIENIC PURPOSES OR SPECIFIC PARTS OF THE BODY** (methods or devices enabling invalids to operate an apparatus or a device not forming part of the body [A61F 4/00](#); electrotherapy, magnetotherapy, radiation therapy, ultrasound therapy [A61N](#))

**NOTE**

In this subclass, the following expression is used with the meaning indicated:

- "physical therapy" covers the treatment of disease or disability by means, e.g. mechanical means, as opposed to drugs or surgery. It includes, by way of example, massage, whirlpool baths or devices for exercising a passive body member.

**A61H 1/00**

**Apparatus for passive exercising** ([A61H 5/00](#) takes precedence); **Vibrating apparatus** {(driving means for vibrating [A61H 23/00](#))}; **Chiropractic devices, e.g. body impacting devices, external devices for briefly extending or aligning unbroken bones**

**NOTE**

This group does not cover orthopaedic methods or devices, which are covered by group [A61F 5/00](#)

**A61H 1/001**

- . { Apparatus for applying movements to the whole body }

**WARNING**

Not complete, pending the completion of a reclassification, see also [A61H 1/005](#)

**A61H 1/003**

- . . { Rocking or oscillating around a horizontal axis transversal to the body }

**A61H 1/005**

- . { Moveable platform, e.g. vibrating or oscillating platform for standing, sitting, laying or kneeling }

**A61H 1/006**

- . { Apparatus for applying pressure or blows for compressive stressing of a part of the skeletal structure, e.g. for preventing or alleviating osteoporosis }

**A61H 1/008**

- . { Apparatus for applying pressure or blows almost perpendicular to the body or limb axis, e.g. chiropractic devices for repositioning vertebrae, correcting deformation }

A61H 1/02 . Stretching or bending { or torsioning } apparatus for exercising

### **NOTE**

In this group, documents which are of interest for more than one subgroup are classified in the hierarchically higher group only, unless there is a specific group for the combination

A61H 2001/0203	..	{ Rotation of a body part around its longitudinal axis }
A61H 2001/0207	..	{ Nutating movement of a body part around its articulation }
A61H 2001/0211	..	{ Walking coordination of arms and legs }
A61H 1/0214	..	{ by rotating cycling movement }
A61H 1/0218	..	{ Drawing-out devices (suspension devices for supporting the patient in upright walking or standing position <a href="#">A61H 3/008</a> ; orthopedic devices for non-surgical treatment <a href="#">A61F 5/01</a> ; stretching fractured limbs <a href="#">A61F 5/04</a> )}
A61H 1/0222	...	{ Traction tables ( <a href="#">A61H 1/0229</a> take precedence)}
A61H 1/0229	...	{ by reducing gravity forces normally applied to the body, e.g. by lifting or hanging the body or part of it }
A61H 2001/0233	...	{ Pulsating, alternating, fluctuating }
A61H 1/0237	..	{ for the lower limbs }
A61H 1/024	...	{ Knee ( <a href="#">A61H 1/0255</a> takes precedence)}
A61H 1/0244	...	{ Hip ( <a href="#">A61H 1/0255</a> takes precedence)}
A61H 2001/0248	....	{ by separating the legs laterally }
A61H 2001/0251	....	{ by moving the legs together laterally }
A61H 1/0255	...	{ Both knee and hip of a patient, e.g. in supine or sitting position, the feet being moved in a plane substantially parallel to the body-symmetrical-plane ( <a href="#">A61H 1/0214</a> takes precedence)}
A61H 1/0259	....	{ moved by translation }
A61H 1/0262	....	{ Walking movement; Appliances for aiding disabled persons to walk ( <a href="#">A61H 3/00</a> takes precedence)}

### **WARNING**

Not complete, pending the completion of a reclassification

A61H 1/0266	...	{ Foot }
A61H 2001/027	....	{ Toes }
A61H 1/0274	..	{ for the upper limbs }
A61H 1/0277	...	{ Elbow }
A61H 1/0281	...	{ Shoulder }
A61H 1/0285	...	{ Hand }
A61H 1/0288	....	{ Fingers }
A61H 1/0292	..	{ for the spinal column ( <a href="#">A61H 1/0218</a> takes precedence)}
A61H 1/0296	...	{ Neck }

**A61H 3/00**

**Appliances for aiding patients or disabled persons to walk about** ([apparatus for helping babies to walk A47D 13/04](#); { orthopaedic devices for correcting deformities of, or supporting, limbs [A61F 5/0102](#) }; exercising apparatus for the feet or toes [A63B 23/10](#); { stairways or ramps [E04F 11/00](#) })

- A61H 2003/001 . { on steps or stairways }
- A61H 2003/002 . { with attached or incorporated article carrying means }
- A61H 2003/003 .. { Umbrellas }
- A61H 2003/004 .. { Trays }
- A61H 2003/005 . { with knee, leg or stump rests }
- A61H 2003/006 . { with forearm rests, i.e. for non-used arms }
- A61H 2003/007 . { secured to the patient, e.g. with belts }
- A61H 3/008 . { Using suspension devices for supporting the body in an upright walking or standing position, e.g. harnesses ([drawing-out devices A61H 1/0218](#)) }
- A61H 3/02 . Crutches
  - A61H 2003/0205 .. { Crutches with no pivoting movement during use, e.g. tripods }
  - A61H 2003/0211 .. { with curved ground-engaging means, i.e. rockers }
  - A61H 2003/0216 .. { Crutches in which movement is limited to a pivoting in one plane, e.g. 2-point supports }
  - A61H 2003/0222 .. { with means for grasping or picking-up objects }
  - A61H 2003/0227 .. { convertible from armpit- into forearm-model }
  - A61H 2003/0233 .. { convertible from armpit crutch into cane }
  - A61H 2003/0238 .. { convertible from forearm crutch into cane }
  - A61H 3/0244 .. { Arrangements for storing or keeping upright when not in use }
  - A61H 2003/025 ... { with devices for securing a pair of crutches together }
  - A61H 2003/0255 ... { on a single crutch for being fixed on or supported by a wall, furniture or the like }
  - A61H 2003/0261 ... { on walls or furniture for receiving single crutches }
  - A61H 2003/0266 ... { with magnetic fixing }
  - A61H 2003/0272 ... { on a single crutch allowing it to remain upright when not in use, e.g. retractable tripods ([A61H 2003/0205 takes precedence](#)) }
  - A61H 3/0277 .. { Shock absorbers therefor }
  - A61H 2003/0283 ... { using elastomeric material }
  - A61H 3/0288 .. { Ferrules or tips therefor ([for walking sticks or umbrellas A45B 9/04](#)) }
  - A61H 2003/0294 ... { comprising a ball-and-socket joint }
- A61H 3/04 . Wheeled walking aids for disabled persons {([A61H 3/008](#) ,[A61H 3/06](#) take precedence)}

- A61H 2003/043 .. { with a drive mechanism }
- A61H 2003/046 .. { with braking means }
- A61H 3/06 . Walking { or guiding } aids for blind persons (walking sticks { in general } [A45B](#); replacing direct visual perception by another kind of perception [A61F 9/08](#))
- A61H 3/061 .. { with electronic detecting or guiding means }
- A61H 2003/063 ... { with tactile perception }
- A61H 2003/065 .... { in the form of braille }
- A61H 3/066 .. { Installations on the floor, e.g. special surfaces, to guide blind persons }
- A61H 3/068 .. { Sticks for blind persons }

### **A61H 5/00**      **Exercisers for the eyes**

- A61H 5/005 . { Exercisers for training the stereoscopic view }

**Guidance heading:** **Massage** (of the heart [A61H 31/00](#); accessories for massage [A61H 37/00](#); electro-medical massage devices applying electric current by contact [A61N 1/18](#))

**A61H 7/00**      **Devices for suction-kneading massage; Devices for massaging the skin by rubbing or brushing not otherwise provided for** (Electro-medical massage devices applying electric current by contact [A61N 1/18](#) { Brushes in general [A46](#); Bathing sponges, brushes, gloves or similar cleaning or rubbing implements not specially for massage [A47K 7/02](#); Suction devices for nursing [A61M 1/06](#), [A61M 1/08](#); Rollers or balls therefore, [A61H 15/00](#) })

- A61H 7/001 . { without substantial movement between the skin and the device }
- A61H 7/002 . { by rubbing or brushing }
- A61H 7/003 .. { Hand-held or hand-driven devices }
- A61H 7/004 .. { power-driven e.g. electrical }
- A61H 7/005 ... { hand-held }
- A61H 7/006 . { Helmets for head-massage (baths for the head [A61H 35/008](#); washing, rinsing, drying [A45D](#)) }
- A61H 7/007 . { Kneading }
- A61H 7/008 .. { Suction kneading }
- A61H 2007/009 .. { having massage elements mounted on parallel output axis turning in opposite sense }

**A61H 9/00**      **Pneumatic or hydraulic massage**, { e.g. sprays ([A61H 13/00](#) takes precedence; underwater massage, spraying systems acting on a body or body part immersed in water [A61H 33/00](#), [A61H 35/00](#); brushes with fluid supply [A46B 11/00](#); nozzles per se [B05B](#)) }

- A61H 9/0007 . { Pulsating (percussion massage [A61H 23/006](#); nozzles for pulsating streams in bathing devices [A61H 33/6057](#)) }

- A61H 2009/0014 . { with particles, e.g. sand }
- A61H 9/0021 . { Hand-held devices for spraying and removing liquid while moved on the skin }
- A61H 9/0028 .. { Hydraulic massage }
- A61H 2009/0035 .. { with cabin for the whole body }
- A61H 2009/0042 .. { with water recirculation }
- A61H 9/005 . { Pneumatic massage }
- A61H 9/0057 .. { Suction (suction kneading [A61H 7/008](#)) }
- A61H 2009/0064 .. { suction by releasing a flexible cup after deformation, i.e. without further vacuum source }
- A61H 9/0071 .. { by localized pressure, e.g. air streams or jets }
- A61H 9/0078 .. { With intermittent or alternately inflated bladders or cuffs (beds with inflatable chambers [A61G 7/05769](#)) }
- A61H 9/0085 ... { Inflated by user's body movement, e.g. ambulatory devices }
- A61H 9/0092 ... { Cuffs therefor }

#### **A61H 11/00 Belts, strips or combs for massage purposes**

- A61H 2011/005 . { with belt or strap expanding and contracting around an encircled body part }
- A61H 11/02 . Massage devices with strips oscillating lengthwise

#### **A61H 13/00 Gum massage**

- A61H 13/005 . { Hydraulic gum massage (instruments or machines for rinsing the teeth [A61C 17/02](#)) }

#### **A61H 15/00 Massage by means of rollers, balls, e.g. inflatable, chains, or roller chains**

- A61H 2015/0007 . { with balls or rollers rotating about their own axis }
- A61H 2015/0014 .. { cylinder-like, i.e. rollers }
- A61H 2015/0021 ... { multiple on the same axis }
- A61H 2015/0028 .. { disc-like, i.e. diameter substantially greater than width }
- A61H 2015/0035 ... { multiple on the same axis }
- A61H 2015/0042 .. { Balls or spheres }
- A61H 2015/005 ... { multiple on the same axis }
- A61H 2015/0057 .. { the axis being resiliently biased }
- A61H 2015/0064 . { with freely rotating spheres }
- A61H 2015/0071 . { with balls or rollers having built-in vibrating means }
- A61H 15/0078 . { power-driven }

A61H 15/0085 . . { hand-held }

A61H 15/0092 . { hand-held ([A61H 15/0085](#) takes precedence)}

A61H 15/02 . adapted for simultaneous treatment with light, heat or drugs

**A61H 19/00** **Massage for the genitals;** { Devices for improving sexual intercourse (penis erection devices [A61F 5/41](#); vibration or percussion related aspects [A61H 23/00](#))}

**WARNING**

Groups [A61H 19/30](#) to [A61H 19/50](#) do not correspond to former or current IPC groups. Concordance CPC:IPC for these groups is as follows: [A61H 19/30](#) to [A61H 19/50](#): [A61H 19/00](#)

A61H 19/30 . { Devices for external stimulation of the genitals }

**WARNING**

Not complete, pending the completion of a reclassification, see also [A61H 19/00](#)

A61H 19/32 . . { for inserting the genitals therein e.g. vibrating rings for males or breast stimulating devices }

**WARNING**

Not complete, pending the completion of a reclassification, see also [A61H 19/00](#)

A61H 19/34 . . { For clitoral stimulation }

A61H 19/40 . { Devices insertable in the genitals }

**WARNING**

Not complete, pending the completion of a reclassification, see also [A61H 19/44](#)

A61H 19/44 . . { Having substantially cylindrical shape, e.g. dildos }

A61H 19/50 . { Devices for use during sexual intercourse }

**A61H 21/00** **Massage devices for cavities of the body** { e.g. nose, ears and anus (for the genitals [A61H 19/00](#)); Vibration or percussion related aspects [A61H 23/00](#) }

**A61H 23/00** **Percussion or vibration massage, e.g. using supersonic vibration; Suction-vibration massage; Massage with moving diaphragms** {(apparatus for passive exercising [A61H 1/00](#); generating or transmitting mechanical vibrations in general [B06B](#))}

- A61H 2023/002 . { having a percussion element combined with a passive spacer element for bearing against the skin }
- A61H 23/004 . { With mechanical drive, e.g. spring mechanism or vibrating unit being hit for starting vibration and then applied to the body of a patient }
- WARNING**
- Not complete, pending the completion of a reclassification
- A61H 23/006 . { Percussion or tapping massage (hand percussion [A61H 23/06](#)) }
- WARNING**
- Not complete, pending the completion of a reclassification
- A61H 23/008 . { using shock waves }
- A61H 23/02 . with electric or magnetic drive
- A61H 2023/0209 .. { powered with frequencies not related to mains frequency }
- A61H 23/0218 .. { with alternating magnetic fields producing a translating or oscillating movement }
- A61H 2023/0227 ... { with magnetostrictive elements }
- A61H 23/0236 ... { using sonic waves, e.g. using loudspeakers }
- A61H 23/0245 .. { with ultrasonic transducers, e.g. piezo-electric }
- A61H 23/0254 .. { with rotary motor }
- A61H 23/0263 ... { using rotating unbalanced masses }
- A61H 2023/0272 .... { multiple masses each rotated by an individual motor }
- A61H 2023/0281 .... { multiple masses driven by the same motor }
- A61H 2023/029 ..... { with variable angular positioning }
- A61H 23/04 . with hydraulic or pneumatic drive ({Hydraulic or Pneumatic massages, [A61H 9/00](#); Underwater massages, [A61H 33/00](#))}
- A61H 2023/045 .. { using hydrostatic pressure, e.g. high density fluids }
- A61H 23/06 . Hand percussion { , i.e. Hand driven (Chiropractic devices, [A61H 1/008](#), [A61H 1/006](#)) }
- A61H 31/00** **Artificial respiration or heart stimulation** ({ blood pumps [A61M 1/10](#) }; artificial respiration by treatment with gas or air, e.g. mouth-to-mouth respiration [A61M 16/00](#); applying electric currents by contact electrodes for stimulation, e.g. heart pace-makers [A61N 1/36](#); { teaching or training models, rhythm indicators [G09B 23/288](#) })
- A61H 2031/001 . { fixed on the chest by suction }
- A61H 2031/002 . { fixed on the chest by adhesives }

- A61H 2031/003 . { with alternated thorax decompression due to lateral compression }
- A61H 31/004 . { Heart stimulation }
- A61H 31/005 .. { with feedback for the user }
- A61H 31/006 .. { Power driven }
- A61H 31/007 .. { Manual driven }
- A61H 31/008 . { Supine patient supports or bases, e.g. improving air-way access to the lungs }
- A61H 31/02 . "Iron-lungs", { i.e. involving chest expansion by applying underpressure thereon },  
whether or not combined with gas breathing means
- A61H 2031/025 .. { using the same pump for pressure and vacuum, not being driven at the  
respiratory rate, e.g. blowers }
- A61H 33/00** **Bathing devices for special therapeutic or hygienic purposes** ([A61H 35/00](#) takes  
precedence; { sprays acting on a body or body part not immersed in water [A61H 9/00](#);  
means for washing bed-ridden persons [A61G 7/0005](#) }; for subaquatic intestinal cleaning  
[A61M 9/00](#); { isolation tanks [A61M 21/0094](#) }; electric or magnetic baths, applying  
ionised fluids [A61N 1/44](#); { heated bath tubs [F24H 1/0072](#) })
- A61H 2033/0004 . { Bathing devices specially adapted for treating burned patients }
- A61H 2033/0008 . { Arrangement for cleaning the installation before or after use (not used)}
- A61H 2033/0012 .. { by rinsing }
- A61H 2033/0016 .. { using cleansing products }
- A61H 2033/002 .. { by blowing air through the installation after the bath has been emptied }
- A61H 2033/0025 .. { by connecting the air lines with the drain }
- A61H 2033/0029 .. { with ultrasonics }
- A61H 2033/0033 .. { by draining-off pumps, nozzles, waterlines by gravity }
- A61H 2033/0037 . { Arrangement for cleaning the fluid during use }
- A61H 2033/0041 . { Cleaning and recovery of the fluid without mixing the cleaned and uncleaned fluid,  
e.g. using a recovery tank }
- A61H 2033/0045 . { with heat-recovery of waste fluid }
- A61H 33/005 . { Electrical circuits therefor }
- A61H 2033/0054 .. { with liquid level detectors }
- A61H 2033/0058 .. { controlled by the user }
- A61H 2033/0062 ... { with electro-pneumatic or -hydraulic switches }
- A61H 2033/0066 ... { with low-voltage switching, e.g. using optical isolators, isolated transformers }
- A61H 2033/007 ... { with capacitors, e.g. proximity switches }
- A61H 2033/0075 ... { with opto-electric switches }
- A61H 2033/0079 ... { using remote control signal transmission devices, e.g. ultrasonic, infra-red }



- A61H 2033/0083    ..    { Illumination }
- A61H 33/0087    .    { Therapeutic baths with agitated or circulated water }
- A61H 33/0091    ..    { Water agitated by means moving in the bath, i.e. without water connections to an outside pump circuit }
- A61H 33/0095    .    { Arrangements for varying the temperature of the liquid }
- A61H 33/02    .    Bathing devices for use with gas-containing liquid, or liquid in which gas is led or generated, e.g. carbon dioxide baths {([A61H 33/6026](#) takes precedence)}
- A61H 2033/021    ..    { Nozzles having flow-regulation means }
- A61H 2033/022    ..    { with control means for regulating the air volume aspirated by a water jet }
- A61H 2033/023    ..    { with means in the air supply lines to prevent back-feed of water, e.g. anti-backflow valves, draining devices }
- A61H 33/025    ..    { Aerating mats or frames, e.g. to be put in a bath-tub }
- A61H 33/026    ..    { Gas nozzles specially adapted therefor }
- A61H 33/027    ..    { Gas-water mixing nozzles therefor }
- A61H 33/028    ..    { Means for producing a flow of gas, e.g. blowers, compressors }
- A61H 33/04    .    Appliances for sand, mud or foam baths; Appliances for metal baths, e.g. using metal salt solutions
- A61H 2033/041    .    { Baths with dry sand or other dry particles }
- A61H 2033/042    ..    { gas-fluidised or -heated during use }
- A61H 2033/043    .    { Foam baths }
- A61H 2033/044    .    { Baths with herbs, e.g. infusions }
- A61H 2033/045    .    { Liquid-metal baths }
- A61H 2033/046    .    { Mud baths; Baths using sand or other particles in water }
- A61H 2033/047    .    { Paraffin or wax baths }
- A61H 2033/048    .    { Baths using solutions, e.g. salts }
- A61H 33/06    .    Artificial hot-air or cold-air baths; Steam or gas baths or douches, e.g. sauna or Finnish baths ({ artificial climate rooms [A61G 10/02](#) )}
- A61H 2033/061    ..    { Artificial hot-air baths }
- A61H 2033/062    ..    { Artificial cold-air baths }
- A61H 33/063    ..    { Heaters specifically designed therefor }
- A61H 33/065    ...    { with steam generators }
- A61H 33/066    ..    { Cabins therefor }
- A61H 33/067    ...    { Installations for the inside of such cabins, e.g. seats }
- A61H 2033/068    ..    { Steam baths }

- A61H 33/08 .. Air douches for hygienic purposes ([hair-driers A45D 20/00](#); [body-drying devices A47K 10/48](#); [electric heating elements H05B](#))
- A61H 33/10 .. Devices on tubs for steam baths
- A61H 33/12 .. Steam baths for the face
- A61H 33/14 . Devices for gas baths with ozone, hydrogen, or the like ([production of ozone or hydrogen C01B](#), [C25B 1/02](#))
- A61H 2033/141 .. { with ionised gas, e.g. ozone }
- A61H 2033/143 .. { with oxygen }
- A61H 2033/145 .. { with CO<sub>2</sub> }
- A61H 2033/146 .. { with nitrogen }
- A61H 2033/148 .. { with hydrogen }
- A61H 33/60 . { Components specifically designed for the therapeutic baths of groups [A61H 33/00](#) ([plumbing E03C 1/00](#)) }

**WARNING**

Groups [A61H 33/60](#) to [A61H 33/6021](#) are not complete, pending the completion of a reclassification; see the other groups of [A61H 33/00](#)

- A61H 33/6005 .. { Special constructive structural details of the bathtub, e.g. of the walls or supporting structure }
- A61H 33/601 .. { Inlet to the bath }
- A61H 33/6015 ... { Cascade massage }
- A61H 33/6021 ... { Nozzles }
- A61H 33/6026 .... { Nozzles in the bathtub connected to an outside pump circuit without modification of the walls }
- A61H 33/6031 .... { Extendible or retractable }
- A61H 33/6036 .... { Hand-held connected to a supply hose }
- A61H 33/6042 .... { Used also as outlet }
- A61H 33/6047 .... { With incorporated pump means }
- A61H 33/6052 .... { Having flow regulating means }
- A61H 33/6057 .... { Comprising means producing pulsating or intermittent streams ([for massage, A61H 9/0007](#)) }
- A61H 33/6063 .... { Specifically adapted for fitting in bathtub walls }
- A61H 33/6068 .. { Outlet from the bath }
- A61H 33/6073 ... { Intake mouths for recirculation of fluid in whirlpool baths }
- A61H 33/6078 .... { Combined with waste outlets }
- A61H 33/6084 ... { For filling to the border or edge of the bath, i.e. no border to be seen }

**WARNING**

Not complete, pending the completion of a reclassification

- A61H 33/6089 . . { Specific construction features for further massaging means, i.e. not for the nozzles }

**WARNING**

Not complete, pending the completion of a reclassification

- A61H 33/6094 . . . { Extending through the wall of the bathing device }

**WARNING**

Not complete, pending the completion of a reclassification

**A61H 35/00 Baths for specific parts of the body** {(electric circuits therefor [A61H 33/005](#); specific components therefor [A61H 33/60](#))}

- A61H 35/002 . { Breast baths }
- A61H 2035/004 . { for the whole body except the head }
- A61H 35/006 . { for the feet }
- A61H 35/008 . { for the head ([A61H 35/02](#) and [A61H 35/04](#) takes precedence)}
- A61H 35/02 . for the eyes
- A61H 35/04 . for the nose

**A61H 36/00 Sweating suits**

**A61H 37/00 Accessories for massage**

- A61H 37/005 . { Body floating supports for relaxation in water }

**A61H 39/00 Devices for locating or stimulating specific reflex points of the body for physical therapy, e.g. acupuncture** (chiropractors' instruments [A61B 17/54](#); { for radiation therapy [A61N 5/0619](#) })

- A61H 39/002 . { Using electric currents (electrotherapy [A61N 1/32](#))}
- A61H 2039/005 . { by means of electromagnetic waves, e.g. I.R., U.V. rays }
- A61H 39/007 . { Stimulation by mechanical vibrations, e.g. ultrasonic }
- A61H 39/02 . Devices for locating such points
- A61H 39/04 . Devices for pressing such points, e.g. Shiatsu { or Acupressure } (Massage or pressure on general areas [A61H 9/00](#) to [A61H 23/00](#))

- A61H 39/06 . Devices for heating or cooling such points within cell-life limits (cauterisers, moxaburners, cryogenic apparatus **A61B 17/36**; heating or cooling appliances for medical treatment of general areas of the human body [A61F 7/00](#))
- A61H 39/08 . Devices for applying needles to such points, i.e. for acupuncture; { Acupuncture needles or accessories therefor }
- A61H 39/083 .. { Needle tubes }
- A61H 39/086 .. { Acupuncture needles }

**A61H 99/00** Subject matter not provided for in other groups of this subclass

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**A61H 2201/00** Characteristics of apparatus not provided for in the preceding codes

- A61H 2201/01 . Constructive details
  - A61H 2201/0103 .. inflatable
  - A61H 2201/0107 .. modular
  - A61H 2201/0111 .. watertight
  - A61H 2201/0115 .. used in water
  - A61H 2201/0119 .. Support for the device
    - A61H 2201/0123 ... on a door
    - A61H 2201/0126 ... on a wall
    - A61H 2201/013 ... Suction cups
    - A61H 2201/0134 ... Cushion or similar support
    - A61H 2201/0138 ... incorporated in furniture
    - A61H 2201/0142 .... Beds
    - A61H 2201/0146 ..... Mattresses
    - A61H 2201/0149 .... Seat or chair
    - A61H 2201/0153 ... hand-held
    - A61H 2201/0157 .. portable
    - A61H 2201/0161 .. Size reducing arrangements when not in use, for stowing or transport
    - A61H 2201/0165 .. Damping, vibration related features
      - A61H 2201/0169 ... Noise reduction
    - A61H 2201/0173 .. Means for preventing injuries
      - A61H 2201/0176 ... By stopping operation
      - A61H 2201/018 ... By limiting the applied torque or force
      - A61H 2201/0184 ... by raising an alarm
    - A61H 2201/0188 .. Illumination related features
    - A61H 2201/0192 .. Specific means for adjusting dimensions
      - A61H 2201/0196 ... automatically adjusted according to anthropometric data of the user
  - A61H 2201/02 . heated or cooled

A61H 2201/0207	..	heated
A61H 2201/0214	..	cooled
A61H 2201/0221	..	Mechanism for heating or cooling
A61H 2201/0228	...	heated by an electric resistance element
A61H 2201/0235	....	Thermistors with Positive Temperature Coefficient (PTC)
A61H 2201/0242	...	by a fluid circulating in the apparatus
A61H 2201/025	...	by direct air flow on the patient's body
A61H 2201/0257	...	by a heat accumulator, e.g. a sand or liquid reservoir
A61H 2201/0264	...	using heat exchanger, e.g. between fresh and used fluids
A61H 2201/0271	....	using heat loss of a motor
A61H 2201/0278	...	by chemical reaction
A61H 2201/0285	...	with Peltier elements
A61H 2201/0292	...	with microwaves
A61H 2201/10	.	with further special therapeutic means e.g. electrotherapy, magneto therapy or radiation therapy, chromo therapy, infra-red or ultraviolet therapy
A61H 2201/102	..	with aromatherapy
A61H 2201/105	..	with means for delivering media, e.g. drugs or cosmetics
A61H 2201/107	...	Respiratory gas
A61H 2201/12	.	Driving means
A61H 2201/1207	..	with electric or magnetic drive
A61H 2201/1215	...	Rotary drive
A61H 2201/1223	....	Frequency controlled AC motor
A61H 2201/123	...	Linear drive
A61H 2201/1238	..	with hydraulic or pneumatic drive
A61H 2201/1246	...	by piston-cylinder systems
A61H 2201/1253	..	driven by a human being, e.g. hand driven
A61H 2201/1261	...	combined with active exercising of the patient
A61H 2201/1269	....	Passive exercise driven by movement of healthy limbs
A61H 2201/1276	.....	by the other leg or arm
A61H 2201/1284	....	using own weight
A61H 2201/1292	..	Therapy performed on humans by animals
A61H 2201/14	.	Special force transmission means, i.e. between the driving means and the interface with the user
A61H 2201/1409	..	Hydraulic or pneumatic means
A61H 2201/1418	..	Cam
A61H 2201/1427	..	Wobbling plate
A61H 2201/1436	..	Special crank assembly
A61H 2201/1445	..	Overrunning clutches; One-way clutches
A61H 2201/1454	..	Special bearing arrangements

<a href="#">A61H 2201/1463</a>	..	Special speed variation means, i.e. speed reducer
<a href="#">A61H 2201/1472</a>	...	Planetary gearing
<a href="#">A61H 2201/1481</a>	..	Special movement conversion means
<a href="#">A61H 2201/149</a>	...	rotation-linear or vice-versa
<a href="#">A61H 2201/16</a>	.	Physical interface with patient
<a href="#">A61H 2201/1602</a>	..	kind of interface, e.g. head rest, knee support or lumbar support
<a href="#">A61H 2201/1604</a>	...	Head
<a href="#">A61H 2201/1607</a>	....	Holding means therefor
<a href="#">A61H 2201/1609</a>	...	Neck
<a href="#">A61H 2201/1611</a>	....	Holding means therefor
<a href="#">A61H 2201/1614</a>	...	Shoulder, e.g. for neck stretching
<a href="#">A61H 2201/1616</a>	....	Holding means therefor
<a href="#">A61H 2201/1619</a>	...	Thorax
<a href="#">A61H 2201/1621</a>	....	Holding means therefor
<a href="#">A61H 2201/1623</a>	...	Back
<a href="#">A61H 2201/1626</a>	....	Holding means therefor
<a href="#">A61H 2201/1628</a>	...	Pelvis
<a href="#">A61H 2201/163</a>	....	holding means therefor
<a href="#">A61H 2201/1633</a>	....	Seat ( <a href="#">incorporated in seats or chairs, A61H 2201/0149</a> )
<a href="#">A61H 2201/1635</a>	...	Hand or arm, e.g. handle ( <a href="#">hand-held, A61H 2201/0153</a> ; <a href="#">fore-arm support, A61H 2003/006</a> )
<a href="#">A61H 2201/1638</a>	....	Holding means therefor
<a href="#">A61H 2201/164</a>	...	Feet or leg, e.g. pedal
<a href="#">A61H 2201/1642</a>	....	Holding means therefor
<a href="#">A61H 2201/1645</a>	...	contoured to fit the user
<a href="#">A61H 2201/1647</a>	....	the anatomy of a particular individual
<a href="#">A61H 2201/165</a>	...	Wearable interfaces
<a href="#">A61H 2201/1652</a>	....	Harness
<a href="#">A61H 2201/1654</a>	...	Layer between the skin and massage elements, e.g. fluid or ball
<a href="#">A61H 2201/1657</a>	..	Movement of interface, i.e. force application means
<a href="#">A61H 2201/1659</a>	...	Free spatial automatic movement of interface within a working area, e.g. Robot
<a href="#">A61H 2201/1661</a>	...	Wobbling interface e.g. Stewart platform or Hexapod ( <a href="#">nutating movement, A61H 2001/0207</a> )
<a href="#">A61H 2201/1664</a>	...	linear
<a href="#">A61H 2201/1666</a>	....	multidimensional
<a href="#">A61H 2201/1669</a>	....	moving along the body in a reciprocating manner
<a href="#">A61H 2201/1671</a>	...	rotational
<a href="#">A61H 2201/1673</a>	....	Multidimensional rotation
<a href="#">A61H 2201/1676</a>	...	Pivoting
<a href="#">A61H 2201/1678</a>	....	Means for angularly oscillating massage elements

A61H 2201/168	...	not moving
A61H 2201/1683	..	Surface of interface
A61H 2201/1685	...	interchangeable ( <a href="#">modular devices</a> , <a href="#">A61H 2201/0107</a> )
A61H 2201/1688	...	disposable
A61H 2201/169	...	Physical characteristics of the surface, e.g. material, relief, texture or indicia
A61H 2201/1692	....	Enhanced rubbing effect
A61H 2201/1695	....	Enhanced pressure effect, e.g. substantially sharp projections, needles or pyramids
A61H 2201/1697	....	Breathability of the material
A61H 2201/50	.	Control means thereof
A61H 2201/5002	..	Means for controlling a set of similar massage devices acting in sequence at different locations on a patient
A61H 2201/5005	..	for controlling frequency distribution, modulation or interference of a driving signal
A61H 2201/5007	..	computer controlled
A61H 2201/501	...	connected to external computer devices or networks
A61H 2201/5012	....	using the internet
A61H 2201/5015	....	using specific interfaces or standards, e.g. USB, serial, parallel
A61H 2201/5017	..	Coin operated
A61H 2201/502	..	Card operated, e.g. pre-paid card, credit card or ID card
A61H 2201/5023	..	Interfaces to the user
A61H 2201/5025	...	Activation means
A61H 2201/5028	....	Contact activation, i.e. activated at contact with a surface of the user to be treated
A61H 2201/503	....	Inertia activation, i.e. activated by movement
A61H 2201/5033	...	having a fixed single program
A61H 2201/5035	...	Several programs selectable
A61H 2201/5038	...	freely programmable by the user
A61H 2201/5041	...	control is restricted to certain individuals
A61H 2201/5043	...	Displays
A61H 2201/5046	....	Touch screens
A61H 2201/5048	...	Audio interfaces, e.g. voice or music controlled
A61H 2201/5051	..	hydraulically controlled
A61H 2201/5053	..	mechanically controlled
A61H 2201/5056	..	pneumatically controlled
A61H 2201/5058	..	Sensors or detectors
A61H 2201/5061	...	Force sensors
A61H 2201/5064	...	Position sensors
A61H 2201/5066	....	Limit switches
A61H 2201/5069	...	Angle sensors
A61H 2201/5071	...	Pressure sensors

A61H 2201/5074	....	using electric pressure transducers with proportional output
A61H 2201/5076	...	Frequency sensors
A61H 2201/5079	...	Velocity sensors
A61H 2201/5082	...	Temperature sensors
A61H 2201/5084	...	Acceleration sensors
A61H 2201/5087	...	Flow rate sensors
A61H 2201/5089	...	Gas sensors, e.g. for oxygen or CO <sub>2</sub>
A61H 2201/5092	...	Optical sensor
A61H 2201/5094	....	with patient markers
A61H 2201/5097	..	wireless

#### **A61H 2203/00 Additional characteristics concerning the patient**

A61H 2203/02	.	immersed in liquid
A61H 2203/03	.	especially adapted for animals
A61H 2203/04	.	Position of the patient
A61H 2203/0406	..	Standing on the feet
A61H 2203/0412	..	Kneeling
A61H 2203/0418	..	Squatting, i.e. sitting on the heels
A61H 2203/0425	..	Sitting on the buttocks
A61H 2203/0431	...	in 90°/90°-position, like on a chair
A61H 2203/0437	...	with stretched legs, like in a bed
A61H 2203/0443	..	substantially horizontal
A61H 2203/045	...	with legs in a kneeled 90°/90°-position
A61H 2203/0456	...	Supine
A61H 2203/0462	...	with legs stretched and hips in 90°-position
A61H 2203/0468	...	Prone
A61H 2203/0475	...	on the side
A61H 2203/0481	..	Hanging
A61H 2203/0487	...	upright
A61H 2203/0493	...	by hanging the patient upside down or inclined downwardly

#### **A61H 2205/00 Devices for specific parts of the body ([A61H 1/02](#), [A61H 13/00](#), [A61H 19/00](#), [A61H 21/00](#), [A61H 35/00](#) take precedence)**

A61H 2205/02	.	Head
A61H 2205/021	..	Scalp
A61H 2205/022	..	Face
A61H 2205/023	...	Nose



A61H 2205/024	... Eyes
A61H 2205/025	... Forehead
A61H 2205/026	.. Mandible
A61H 2205/027	.. Ears
A61H 2205/028	.. Temples
A61H 2205/04	. neck
A61H 2205/06	. Arms
A61H 2205/062	.. Shoulders
A61H 2205/065	.. Hands
A61H 2205/067	... Fingers
A61H 2205/08	. Trunk
A61H 2205/081	.. Back
A61H 2205/082	.. Breasts
A61H 2205/083	.. Abdomen
A61H 2205/084	.. Chest
A61H 2205/085	.. Crotch
A61H 2205/086	.. Buttocks
A61H 2205/087	.. Genitals
A61H 2205/088	.. Hip
A61H 2205/10	. Leg
A61H 2205/102	.. Knee
A61H 2205/104	... Patella
A61H 2205/106	.. for the lower legs
A61H 2205/108	.. for the upper legs
A61H 2205/12	. Feet
A61H 2205/125	.. Foot reflex zones

**A61H 2207/00      Anti-cellulite devices**

**A61H 2209/00      Devices for avoiding blood stagnation, e.g. Deep Vein Thrombosis (DVT) devices**

**A61H 2230/00      Measuring physical parameters of the user**

A61H 2230/04	. Heartbeat characteristics, e.g. E.G.C., blood pressure modulation
A61H 2230/045	.. used as a control parameter for the apparatus
A61H 2230/06	.. Heartbeat rate
A61H 2230/065	... used as a control parameter for the apparatus

<a href="#">A61H 2230/08</a>	. Other bio-electrical signals
<a href="#">A61H 2230/085</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/10</a>	.. Electroencephalographic signals
<a href="#">A61H 2230/105</a>	... used as a control parameter for the apparatus
<a href="#">A61H 2230/20</a>	. Blood composition characteristics
<a href="#">A61H 2230/201</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/202</a>	.. Glucose
<a href="#">A61H 2230/203</a>	... used as a control parameter for the apparatus
<a href="#">A61H 2230/205</a>	.. partial CO <sub>2</sub> -value
<a href="#">A61H 2230/206</a>	... used as a control parameter for the apparatus
<a href="#">A61H 2230/207</a>	.. partial O <sub>2</sub> -value
<a href="#">A61H 2230/208</a>	... used as a control parameter for the apparatus
<a href="#">A61H 2230/25</a>	. Blood flowrate, e.g. by Doppler effect
<a href="#">A61H 2230/255</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/30</a>	. Blood pressure ( <a href="#">A61H 2230/04</a> takes precedence)
<a href="#">A61H 2230/305</a>	.. used as a control parameter for the apparatus ( <a href="#">A61H 2230/045</a> takes precedence)
<a href="#">A61H 2230/40</a>	. Respiratory characteristics
<a href="#">A61H 2230/405</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/42</a>	.. Rate
<a href="#">A61H 2230/425</a>	... used as a control parameter for the apparatus
<a href="#">A61H 2230/50</a>	. Temperature
<a href="#">A61H 2230/505</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/60</a>	. Muscle strain, i.e. measured on the user, e.g. Electromyography (EMG)
<a href="#">A61H 2230/605</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/62</a>	. Posture
<a href="#">A61H 2230/625</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/65</a>	. Impedance, e.g. skin conductivity, capacitance
<a href="#">A61H 2230/655</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/70</a>	. Body fat
<a href="#">A61H 2230/705</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/80</a>	. Weight
<a href="#">A61H 2230/805</a>	.. used as a control parameter for the apparatus
<a href="#">A61H 2230/82</a>	. Height, e.g. length

A61H 2230/825 . . . used as a control parameter for the apparatus

A61H 2230/85 . Contour of the body

A61H 2230/855 . . . used as a control parameter for the apparatus