

# CPC COOPERATIVE PATENT CLASSIFICATION

## A HUMAN NECESSITIES

### HEALTH; AMUSEMENT

#### A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

#### 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 (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.

1/00	Apparatus for passive exercising ( <a href="#">A61H 5/00</a> takes precedence); Vibrating apparatus {(driving means for vibrating <a href="#">A61H 23/00</a> )}; Chiropractic devices, e.g. body impacting devices, external devices for briefly extending or aligning unbroken bones	1/0214 . . {by rotating cycling movement}
		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> )}
		1/0222 . . . {Traction tables ( <a href="#">A61H 1/0229</a> take precedence)}
		1/0229 . . . {by reducing gravity forces normally applied to the body, e.g. by lifting or hanging the body or part of it}
1/001	. {Apparatus for applying movements to the whole body}	2001/0233 . . . {Pulsating, alternating, fluctuating}
	<u>WARNING</u>	1/0237 . . {for the lower limbs}
	Not complete, pending the completion of a reclassification, see also <a href="#">A61H 1/005</a>	1/024 . . . {Knee ( <a href="#">A61H 1/0255</a> takes precedence)}
		1/0244 . . . {Hip ( <a href="#">A61H 1/0255</a> takes precedence)}
1/003	. . {Rocking or oscillating around a horizontal axis transversal to the body}	2001/0248 . . . . {by separating the legs laterally}
1/005	. {Moveable platform, e.g. vibrating or oscillating platform for standing, sitting, laying, leaning}	2001/0251 . . . . {by moving the legs together laterally}
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}	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)}
		1/0259 . . . . {moved by translation}
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}	1/0262 . . . . {Walking movement; Appliances for aiding disabled persons to walk ( <a href="#">A61H 3/00</a> takes precedence)}
1/02	. Stretching or bending {or torsioning} apparatus for exercising	1/0266 . . . {Foot}
	<u>NOTE</u>	2001/027 . . . . {Toes}
	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	1/0274 . . {for the upper limbs}
		1/0277 . . . {Elbow}
		1/0281 . . . {Shoulder}
		1/0285 . . . {Hand}
		1/0288 . . . . {Fingers}
		1/0292 . . {for the spinal column ( <a href="#">A61H 1/0218</a> takes precedence)}
		1/0296 . . . {Neck}
2001/0203	. . {Rotation of a body part around its longitudinal axis}	
2001/0207	. . {Nutating movement of a body part around its articulation}	
2001/0211	. . {Walking coordination of arms and legs}	

- 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](#); {stairs or ramps [E04F 11/00](#)})
- 2003/001 . {on steps or stairways}
  - 2003/002 . {with attached or incorporated article carrying means}
  - 2003/003 . . {Umbrellas}
  - 2003/004 . . {Trays}
  - 2003/005 . {with knee, leg or stump rests}
  - 2003/006 . {with forearm rests, i.e. for non-used arms}
  - 2003/007 . {secured to the patient, e.g. with belts}
  - 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](#))}
  - 3/02 . Crutches
  - 2003/0205 . . {Crutches with no pivoting movement during use, e.g. tripods}
  - 2003/0211 . . {with curved ground-engaging means, i.e. rockers}
  - 2003/0216 . . {Crutches in which movement is limited to a pivoting in one plane, e.g. 2-point supports}
  - 2003/0222 . . {with means for grasping or picking-up objects}
  - 2003/0227 . . {convertible from armpit- into forearm-model}
  - 2003/0233 . . {convertible from armpit crutch into cane}
  - 2003/0238 . . {convertible from forearm crutch into cane}
  - 3/0244 . . {Arrangements for storing or keeping upright when not in use}
  - 2003/025 . . . {with devices for securing a pair of crutches together}
  - 2003/0255 . . . {on a single crutch for being fixed on or supported by a wall, furniture or the like}
  - 2003/0261 . . . {on walls or furniture for receiving single crutches}
  - 2003/0266 . . . {with magnetic fixing}
  - 2003/0272 . . . {on a single crutch allowing it to remain upright when not in use, e.g. retractable tripods ([A61H 2003/0205](#) takes precedence)}
  - 3/0277 . . {Shock absorbers therefor}
  - 2003/0283 . . . {using elastomeric material}
  - 3/0288 . . {Ferrules or tips therefor ([for walking sticks or umbrellas A45B 9/04](#))}
  - 2003/0294 . . . {comprising a ball-and-socket joint}
  - 3/04 . Wheeled walking aids for disabled persons ([A61H 3/06](#) takes precedence)}
  - 2003/043 . . {with a drive mechanism}
  - 2003/046 . . {with braking means}
  - 3/06 . Walking aids for blind persons ([replacing direct visual perception by another kind of perception A61F 9/08](#))
  - 3/061 . . {with electronic detecting or guiding means}
  - 2003/063 . . . {with tactile perception}
  - 2003/065 . . . . {in the form of braille}
  - 3/066 . . {Installations on the floor, e.g. special surfaces, to guide blind persons}
  - 3/068 . . {Sticks for blind persons}
  - 5/00 Exercisers for the eyes**
  - 5/005 . {Exercisers for training the stereoscopic view}
- 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](#))
- 7/001 . {without substantial movement between the skin and the device}
  - 7/002 . {by rubbing or brushing}
  - 7/003 . . {Hand-held or hand-driven devices}
  - 7/004 . . {power-driven, e.g. electrical}
  - 7/005 . . . {hand-held}
  - 7/006 . {Helmets for head-massage ([baths for the head A61H 35/008](#); washing, rinsing, drying [A45D](#))}
  - 7/007 . {Kneading}
  - 7/008 . . {Suction kneading}
  - 2007/009 . . {having massage elements rotating on parallel output axis}
  - 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](#))
  - 9/0007 . {Pulsating (percussion massage [A61H 23/006](#); nozzles for pulsating streams in bathing devices [A61H 33/6057](#))}
  - 2009/0014 . {with particles, e.g. sand}
  - 9/0021 . {Hand-held devices for spraying and removing liquid while moved on the skin}
  - 9/0028 . . {Hydraulic massage}
  - 2009/0035 . . {with cabin for the whole body}
  - 2009/0042 . . {with water recirculation}
  - 9/005 . {Pneumatic massage}
  - 9/0057 . . {Suction ([suction kneading A61H 7/008](#))}
  - 2009/0064 . . {suction by releasing a flexible cup after deformation, i.e. without further vacuum source}
  - 9/0071 . . {by localized pressure, e.g. air streams or jets}
  - 9/0078 . . {With intermittent or alternately inflated bladders or cuffs ([beds with inflatable chambers A61G 7/05769](#))}
  - 9/0085 . . . {Inflated by user's body movement, e.g. ambulatory devices}
  - 9/0092 . . . {Cuffs therefor}
  - 11/00 Belts, strips or combs for massage purposes**
  - 2011/005 . {with belt or strap expanding and contracting around an encircled body part}
  - 11/02 . Massage devices with strips oscillating lengthwise
  - 13/00 Gum massage**
  - 13/005 . {Hydraulic gum massage ([instruments or machines for rinsing the teeth A61C 17/02](#))}
  - 15/00 Massage by means of rollers, balls, e.g. inflatable, chains, or roller chains**
  - 2015/0007 . {with balls or rollers rotating about their own axis}
  - 2015/0014 . . {cylinder-like, i.e. rollers}
  - 2015/0021 . . . {multiple on the same axis}

- 2015/0028 . . {disc-like, i.e. diameter substantially greater than width}
- 2015/0035 . . . {multiple on the same axis}
- 2015/0042 . . {Balls or spheres}
- 2015/005 . . . {multiple on the same axis}
- 2015/0057 . . {the axis being resiliently biased}
- 2015/0064 . {with freely rotating spheres}
- 2015/0071 . {with balls or rollers having built-in vibrating means}
  - 15/0078 . {power-driven}
  - 15/0085 . . {hand-held}
  - 15/0092 . {hand-held ([A61H 15/0085](#) takes precedence)}
  - 15/02 . adapted for simultaneous treatment with light, heat or drugs
- 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](#))}**
  - 19/30 . {Devices for external stimulation of the genitals}
  - 19/32 . . {for inserting the genitals therein, e.g. vibrating rings for males or breast stimulating devices}
  - 19/34 . . {For clitoral stimulation}
  - 19/40 . {Devices insertable in the genitals}
  - 19/44 . . {Having substantially cylindrical shape, e.g. dildos}
  - 19/50 . {Devices for use during sexual intercourse}
- 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](#)}**
- 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](#))}**
  - 2023/002 . {having a percussion element combined with a passive spacer element for bearing against the skin}
  - 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
  - 23/006 . {Percussion or tapping massage ([hand percussion \[A61H 23/06\]\(#\)](#))}
  - WARNING**  
Not complete, pending the completion of a reclassification
  - 23/008 . {using shock waves}
  - 23/02 . with electric or magnetic drive
  - 2023/0209 . . {powered with frequencies not related to mains frequency}
  - 23/0218 . . {with alternating magnetic fields producing a translating or oscillating movement}
  - 2023/0227 . . . {with magnetostrictive elements}
    - 23/0236 . . . {using sonic waves, e.g. using loudspeakers}
    - 23/0245 . . {with ultrasonic transducers, e.g. piezo-electric}
    - 23/0254 . . {with rotary motor}
    - 23/0263 . . . {using rotating unbalanced masses}
  - 2023/0272 . . . . {multiple masses each rotated by an individual motor}
  - 2023/0281 . . . . {multiple masses driven by the same motor}
  - 2023/029 . . . . . {with variable angular positioning}
    - 23/04 . with hydraulic or pneumatic drive {(hydraulic or Pneumatic massages, [A61H 9/00](#); underwater massages, [A61H 33/00](#))}
  - 2023/045 . . {using hydrostatic pressure, e.g. high density fluids}
    - 23/06 . Hand percussion {, i.e. Hand driven ([chiropractic devices, \[A61H 1/008\]\(#\), \[A61H 1/006\]\(#\)](#))}
  - 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, demonstration models for medical purposes [G09B 23/288](#))}**
    - 2031/001 . {fixed on the chest by suction}
    - 2031/002 . {fixed on the chest by adhesives}
    - 2031/003 . {with alternated thorax decompression due to lateral compression}
      - 31/004 . {Heart stimulation}
      - 31/005 . . {with feedback for the user}
      - 31/006 . . {Power driven}
      - 31/007 . . {Manual driven}
      - 31/008 . {Supine patient supports or bases, e.g. improving air-way access to the lungs}
    - 31/02 . "Iron-lungs" {, i.e. involving chest expansion by applying underpressure thereon}, whether or not combined with gas breathing means
    - 2031/025 . . {using the same pump for pressure and vacuum, not being driven at the respiratory rate, e.g. blowers}
  - 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 sub aquatic intestinal cleaning [A61M 9/00](#); {isolation chambers [A61M 21/0094](#);} electric or magnetic baths, applying ionised fluids [A61N 1/44](#) {; heater for bath tubs [F24H 1/0081](#)})}**
    - 2033/0004 . {Bathing devices specially adapted for treating burned patients}
    - 2033/0008 . {Arrangement for cleaning the installation before or after use (not used)}
    - 2033/0012 . . {by rinsing}
    - 2033/0016 . . {using cleansing products}
    - 2033/002 . . {by blowing air through the installation after the bath has been emptied}
      - 2033/0025 . . . {by connecting the air lines with the drain}
      - 2033/0029 . . . {with ultrasonics}
      - 2033/0033 . . . {by draining-off pumps, nozzles, waterlines by gravity}
    - 2033/0037 . {Arrangement for cleaning the fluid during use}
    - 2033/0041 . {Cleaning and recovery of the fluid without mixing the cleaned and uncleaned fluid, e.g. using a recovery tank}
      - 2033/0045 . . {with heat-recovery of waste fluid}
        - 33/005 . {Electrical circuits therefor}
      - 2033/0054 . . . {with liquid level detectors}
      - 2033/0058 . . . {controlled by the user}

- 2033/0062 . . . {with electro-pneumatic or -hydraulic switches}
- 2033/0066 . . . {with low-voltage switching, e.g. using optical isolators, isolated transformers}
- 2033/007 . . . {with capacitors, e.g. proximity switches}
- 2033/0075 . . . {with opto-electric switches}
- 2033/0079 . . . {using remote control signal transmission devices, e.g. ultrasonic, infra-red}
- 2033/0083 . . {Illumination}
- 33/0087 . {Therapeutic baths with agitated or circulated water}
- 33/0091 . . {Water agitated by means moving in the bath, i.e. without water connections to an outside pump circuit}
- 33/0095 . {Arrangements for varying the temperature of the liquid}
- 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)}
- 2033/021 . . {Nozzles having flow-regulation means}
- 2033/022 . . {with control means for regulating the air volume aspirated by a water jet}
- 2033/023 . . {with means in the air supply lines to prevent back-feed of water, e.g. anti-backflow valves, draining devices}
- 33/025 . . {Aerating mats or frames, e.g. to be put in a bathtub}
- 33/026 . . {Gas nozzles specially adapted therefor}
- 33/027 . . {Gas-water mixing nozzles therefor}
- 33/028 . . {Means for producing a flow of gas, e.g. blowers, compressors}
- 33/04 . Appliances for sand, mud {, wax} or foam baths; Appliances for metal baths, e.g. using metal salt solutions
- 2033/041 . . {Baths with dry sand or other dry particles}
- 2033/042 . . . {gas-fluidised or gas-heated during use}
- 2033/043 . . {Foam baths}
- 2033/044 . . {Baths with herbs, e.g. infusions}
- 2033/045 . . {Liquid-metal baths}
- 2033/046 . . {Mud baths; Baths using sand or other particles in water}
- 2033/047 . . {Paraffin or wax baths}
- 2033/048 . . {Baths using solutions, e.g. salts}
- 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)}
- 2033/061 . . {Artificial hot-air baths}
- 2033/062 . . {Artificial cold-air baths}
- 33/063 . . {Heaters specifically designed therefor}
- 33/065 . . . {with steam generators}
- 33/066 . . {Cabins therefor}
- 33/067 . . . {Installations for the inside of such cabins, e.g. seats}
- 2033/068 . . {Steam baths}
- 33/08 . . Air douches for hygienic purposes (hair-driers A45D 20/00; body-drying devices A47K 10/48; electric heating elements H05B)
- 33/10 . . Devices on tubs for steam baths
- 33/12 . . Steam baths for the face
- 33/14 . Devices for gas baths with ozone, hydrogen, or the like (production of ozone or hydrogen C01B, C25B 1/02)
- 2033/141 . . {with ionised gas, e.g. ozone}
- 2033/143 . . {with oxygen}
- 2033/145 . . {with CO<sub>2</sub>}
- 2033/146 . . {with nitrogen}
- 2033/148 . . {with hydrogen}
- 33/60 . {Components specifically designed for the therapeutic baths of groups A61H 33/00 (plumbing E03C 1/00)}
- 33/6005 . . {Special constructive structural details of the bathtub, e.g. of the walls or supporting structure}
- 33/601 . . {Inlet to the bath}
- 33/6015 . . . {Cascade massage}
- 33/6021 . . . {Nozzles}
- 33/6026 . . . . {Nozzles in the bathtub connected to an outside pump circuit without modification of the walls}
- 33/6031 . . . . {Extendible or retractable}
- 33/6036 . . . . {Hand-held connected to a supply hose}
- 33/6042 . . . . {Used also as outlet}
- 33/6047 . . . . {With incorporated pump means}
- 33/6052 . . . . {Having flow regulating means}
- 33/6057 . . . . {Comprising means producing pulsating or intermittent streams (for massage, A61H 9/0007)}
- 33/6063 . . . . {Specifically adapted for fitting in bathtub walls}
- 33/6068 . . {Outlet from the bath}
- 33/6073 . . . {Intake mouths for recirculation of fluid in whirlpool baths}
- 33/6078 . . . . {Combined with waste outlets}
- 33/6084 . . . {For filling to the border or edge of the bath, i.e. no border to be seen}
- 33/6089 . . {Specific construction features for further massaging means, i.e. not for the nozzles}
- 33/6094 . . . {Extending through the wall of the bathing device}
- 35/00 Baths for specific parts of the body** {(electric circuits therefor A61H 33/005; specific components therefor A61H 33/60)}
- 35/002 . {Breast baths}
- 2035/004 . {for the whole body except the head}
- 35/006 . {for the feet}
- 35/008 . {for the head (A61H 35/02 and A61H 35/04 takes precedence)}
- 35/02 . for the eyes
- 35/04 . for the nose
- 36/00 Sweating suits**
- 37/00 Accessories for massage**
- 37/005 . {Body floating supports for relaxation in water}
- 39/00 Devices for locating or stimulating specific reflex points of the body for physical therapy, e.g. acupuncture (chiropractists' instruments A61B 17/54; for radiation therapy A61N 5/0619)}**
- 39/002 . {Using electric currents (electrotherapy A61N 1/32)}
- 2039/005 . {by means of electromagnetic waves, e.g. I.R., U.V. rays}
- 39/007 . {Stimulation by mechanical vibrations, e.g. ultrasonic}
- 39/02 . Devices for locating such points

- 39/04 . Devices for pressing such points, e.g. Shiatsu {or [Acupressure](#)} ([Massage or pressure on general areas A61H 9/00 - A61H 23/00](#))
- 39/06 . Devices for heating or cooling such points within cell-life limits ([cauterisers, moxaburners, cryogenic apparatus A61B 18/06; heating or cooling appliances for medical treatment of general areas of the human body A61F 7/00](#))
- 39/08 . Devices for applying needles to such points, i.e. for acupuncture {; [Acupuncture needles or accessories therefor](#)}
- 39/083 . . {[Needle tubes](#)}
- 39/086 . . {[Acupuncture needles](#)}
- 99/00 Subject matter not provided for in other groups of this subclass**

- 2201/0278 . . . by chemical reaction
- 2201/0285 . . . with Peltier elements
- 2201/0292 . . . with microwaves
- 2201/10 . with further special therapeutic means, e.g. electrotherapy, magneto therapy or radiation therapy, chromo therapy, infra-red or ultraviolet therapy
- 2201/102 . . with aromatherapy
- 2201/105 . . with means for delivering media, e.g. drugs or cosmetics
- 2201/107 . . . Respiratory gas
- 2201/12 . Driving means
- 2201/1207 . . with electric or magnetic drive
- 2201/1215 . . . Rotary drive
- 2201/1223 . . . . Frequency controlled AC motor
- 2201/123 . . . Linear drive
- 2201/1238 . . with hydraulic or pneumatic drive
- 2201/1246 . . . by piston-cylinder systems
- 2201/1253 . . driven by a human being, e.g. hand driven
- 2201/1261 . . . combined with active exercising of the patient
- 2201/1269 . . . . Passive exercise driven by movement of healthy limbs
- 2201/1276 . . . . . by the other leg or arm
- 2201/1284 . . . . using own weight
- 2201/1292 . . Therapy performed on humans by animals
- 2201/14 . Special force transmission means, i.e. between the driving means and the interface with the user
- 2201/1409 . . Hydraulic or pneumatic means
- 2201/1418 . . Cam
- 2201/1427 . . Wobbling plate
- 2201/1436 . . Special crank assembly
- 2201/1445 . . Overrunning clutches; One-way clutches
- 2201/1454 . . Special bearing arrangements
- 2201/1463 . . Special speed variation means, i.e. speed reducer
- 2201/1472 . . . Planetary gearing
- 2201/1481 . . Special movement conversion means
- 2201/149 . . . rotation-linear or [vice versa](#)
- 2201/16 . Physical interface with patient
- 2201/1602 . . kind of interface, e.g. head rest, knee support or lumbar support
- 2201/1604 . . . Head
- 2201/1607 . . . . Holding means therefor
- 2201/1609 . . . Neck
- 2201/1611 . . . . Holding means therefor
- 2201/1614 . . . Shoulder, e.g. for neck stretching
- 2201/1616 . . . . Holding means therefor
- 2201/1619 . . . Thorax
- 2201/1621 . . . . Holding means therefor
- 2201/1623 . . . Back
- 2201/1626 . . . . Holding means therefor
- 2201/1628 . . . Pelvis
- 2201/163 . . . . holding means therefor
- 2201/1633 . . . . Seat ([A61H 2201/0149 takes precedence](#))
- 2201/1635 . . . Hand or arm, e.g. handle ([hand-held, A61H 2201/0153; fore-arm support, A61H 2003/006](#))
- 2201/1638 . . . . Holding means therefor
- 2201/164 . . . Feet or leg, e.g. pedal
- 2201/1642 . . . . Holding means therefor
- 2201/1645 . . . contoured to fit the user
- 2201/1647 . . . . the anatomy of a particular individual
- 2201/165 . . . Wearable interfaces

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

- 2201/01 . Constructive details
- 2201/0103 . . inflatable
- 2201/0107 . . modular
- 2201/0111 . . watertight
- 2201/0115 . . used in water
- 2201/0119 . . Support for the device
- 2201/0123 . . . on a door
- 2201/0126 . . . on a wall
- 2201/013 . . . Suction cups
- 2201/0134 . . . Cushion or similar support
- 2201/0138 . . . incorporated in furniture
- 2201/0142 . . . . Beds
- 2201/0146 . . . . . Mattresses
- 2201/0149 . . . . Seat or chair
- 2201/0153 . . . hand-held
- 2201/0157 . . portable
- 2201/0161 . . Size reducing arrangements when not in use, for stowing or transport
- 2201/0165 . . Damping, vibration related features
- 2201/0169 . . . Noise reduction
- 2201/0173 . . Means for preventing injuries
- 2201/0176 . . . By stopping operation
- 2201/018 . . . By limiting the applied torque or force
- 2201/0184 . . . by raising an alarm
- 2201/0188 . . Illumination related features
- 2201/0192 . . Specific means for adjusting dimensions
- 2201/0196 . . . automatically adjusted according to anthropometric data of the user
- 2201/02 . heated or cooled
- 2201/0207 . . heated
- 2201/0214 . . cooled
- 2201/0221 . . Mechanism for heating or cooling
- 2201/0228 . . . heated by an electric resistance element
- 2201/0235 . . . . Thermistors with Positive Temperature Coefficient [PTC]
- 2201/0242 . . . by a fluid circulating in the apparatus
- 2201/025 . . . by direct air flow on the patient's body
- 2201/0257 . . . by a heat accumulator, e.g. a sand or liquid reservoir
- 2201/0264 . . . using heat exchanger, e.g. between fresh and used fluids
- 2201/0271 . . . . using heat loss of a motor

## A61H

- 2201/1652 . . . . Harness
- 2201/1654 . . . Layer between the skin and massage elements, e.g. fluid or ball
- 2201/1657 . . Movement of interface, i.e. force application means
- 2201/1659 . . . Free spatial automatic movement of interface within a working area, e.g. Robot
- 2201/1661 . . . Wobbling interface, e.g. Stewart platform or Hexapod ([nutating movement, A61H 2001/0207](#))
- 2201/1664 . . . linear
- 2201/1666 . . . . multidimensional
- 2201/1669 . . . . moving along the body in a reciprocating manner
- 2201/1671 . . . rotational
- 2201/1673 . . . . Multidimensional rotation
- 2201/1676 . . . Pivoting
- 2201/1678 . . . . Means for angularly oscillating massage elements
- 2201/168 . . . not moving
- 2201/1683 . . Surface of interface
- 2201/1685 . . . interchangeable ([modular devices, A61H 2201/0107](#))
- 2201/1688 . . . disposable
- 2201/169 . . . Physical characteristics of the surface, e.g. material, relief, texture or indicia
- 2201/1692 . . . . Enhanced rubbing effect
- 2201/1695 . . . . Enhanced pressure effect, e.g. substantially sharp projections, needles or pyramids
- 2201/1697 . . . . Breathability of the material
- 2201/50 . Control means thereof
- 2201/5002 . . Means for controlling a set of similar massage devices acting in sequence at different locations on a patient
- 2201/5005 . . for controlling frequency distribution, modulation or interference of a driving signal
- 2201/5007 . . computer controlled
- 2201/501 . . . connected to external computer devices or networks
- 2201/5012 . . . . using the internet
- 2201/5015 . . . . using specific interfaces or standards, e.g. USB, serial, parallel
- 2201/5017 . . Coin operated
- 2201/502 . . Card operated, e.g. pre-paid card, credit card or ID card
- 2201/5023 . . Interfaces to the user
- 2201/5025 . . . Activation means
- 2201/5028 . . . . Contact activation, i.e. activated at contact with a surface of the user to be treated
- 2201/503 . . . . Inertia activation, i.e. activated by movement
- 2201/5033 . . . having a fixed single program
- 2201/5035 . . . Several programs selectable
- 2201/5038 . . . freely programmable by the user
- 2201/5041 . . . control is restricted to certain individuals
- 2201/5043 . . . Displays
- 2201/5046 . . . . Touch screens
- 2201/5048 . . . Audio interfaces, e.g. voice or music controlled
- 2201/5051 . . hydraulically controlled
- 2201/5053 . . mechanically controlled
- 2201/5056 . . pneumatically controlled
- 2201/5058 . . Sensors or detectors
- 2201/5061 . . . Force sensors
- 2201/5064 . . . Position sensors
- 2201/5066 . . . . Limit switches
- 2201/5069 . . . Angle sensors
- 2201/5071 . . . Pressure sensors
- 2201/5074 . . . . using electric pressure transducers with proportional output
- 2201/5076 . . . Frequency sensors
- 2201/5079 . . . Velocity sensors
- 2201/5082 . . . Temperature sensors
- 2201/5084 . . . Acceleration sensors
- 2201/5087 . . . Flow rate sensors
- 2201/5089 . . . Gas sensors, e.g. for oxygen or CO<sub>2</sub>
- 2201/5092 . . . Optical sensor
- 2201/5094 . . . . with patient markers
- 2201/5097 . . wireless
- 2203/00 Additional characteristics concerning the patient**
- 2203/02 . immersed in liquid
- 2203/03 . especially adapted for animals
- 2203/04 . Position of the patient
- 2203/0406 . . Standing on the feet
- 2203/0412 . . Kneeling
- 2203/0418 . . Squatting, i.e. sitting on the heels
- 2203/0425 . . Sitting on the buttocks
- 2203/0431 . . . in 90°/90°-position, like on a chair
- 2203/0437 . . . with stretched legs, like in a bed
- 2203/0443 . . substantially horizontal
- 2203/045 . . . with legs in a kneeled 90°/90°-position
- 2203/0456 . . . Supine
- 2203/0462 . . . with legs stretched and hips in 90°-position
- 2203/0468 . . . Prone
- 2203/0475 . . . on the side
- 2203/0481 . . Hanging
- 2203/0487 . . . upright
- 2203/0493 . . . by hanging the patient upside down or inclined downwardly
- 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)**
- 2205/02 . Head
- 2205/021 . . Scalp
- 2205/022 . . Face
- 2205/023 . . . Nose
- 2205/024 . . . Eyes
- 2205/025 . . . Forehead
- 2205/026 . . Mandible
- 2205/027 . . Ears
- 2205/028 . . Temples
- 2205/04 . neck
- 2205/06 . Arms
- 2205/062 . . Shoulders
- 2205/065 . . Hands
- 2205/067 . . . Fingers
- 2205/08 . Trunk
- 2205/081 . . Back
- 2205/082 . . Breasts
- 2205/083 . . Abdomen
- 2205/084 . . Chest
- 2205/085 . . Crotch
- 2205/086 . . Buttocks
- 2205/087 . . Genitals
- 2205/088 . . Hip

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- 2205/10 . Leg
- 2205/102 . . Knee
- 2205/104 . . . Patella
- 2205/106 . . for the lower legs
- 2205/108 . . for the upper legs
- 2205/12 . Feet
- 2205/125 . . Foot reflex zones

### 2207/00 Anti-cellulite devices

### 2209/00 Devices for avoiding blood stagnation, e.g. Deep Vein Thrombosis [DVT] devices

### 2230/00 Measuring physical parameters of the user

- 2230/04 . Heartbeat characteristics, e.g. E.G.C., blood pressure modulation
  - 2230/045 . . used as a control parameter for the apparatus
  - 2230/06 . . Heartbeat rate
    - 2230/065 . . . used as a control parameter for the apparatus
  - 2230/08 . Other bio-electrical signals
    - 2230/085 . . used as a control parameter for the apparatus
  - 2230/10 . . Electroencephalographic signals
    - 2230/105 . . . used as a control parameter for the apparatus
  - 2230/20 . Blood composition characteristics
    - 2230/201 . . used as a control parameter for the apparatus
    - 2230/202 . . Glucose
      - 2230/203 . . . used as a control parameter for the apparatus
    - 2230/205 . . partial CO<sub>2</sub>-value
      - 2230/206 . . . used as a control parameter for the apparatus
    - 2230/207 . . partial O<sub>2</sub>-value
      - 2230/208 . . . used as a control parameter for the apparatus
  - 2230/25 . Blood flowrate, e.g. by Doppler effect
    - 2230/255 . . used as a control parameter for the apparatus
  - 2230/30 . Blood pressure ([A61H 2230/04 takes precedence](#))
    - 2230/305 . . used as a control parameter for the apparatus ([A61H 2230/045 takes precedence](#))
  - 2230/40 . Respiratory characteristics
    - 2230/405 . . used as a control parameter for the apparatus
  - 2230/42 . . Rate
    - 2230/425 . . . used as a control parameter for the apparatus
  - 2230/50 . Temperature
    - 2230/505 . . used as a control parameter for the apparatus
  - 2230/60 . Muscle strain, i.e. measured on the user, e.g. Electromyography [EMG]
    - 2230/605 . . used as a control parameter for the apparatus
  - 2230/62 . Posture
    - 2230/625 . . used as a control parameter for the apparatus
  - 2230/65 . Impedance, e.g. skin conductivity; capacitance, e.g. galvanic skin response [GSR]
    - 2230/655 . . used as a control parameter for the apparatus
  - 2230/70 . Body fat
    - 2230/705 . . used as a control parameter for the apparatus
  - 2230/80 . Weight
    - 2230/805 . . used as a control parameter for the apparatus
  - 2230/82 . Height, e.g. length
    - 2230/825 . . used as a control parameter for the apparatus
  - 2230/85 . Contour of the body
    - 2230/855 . . used as a control parameter for the apparatus