

## SECTION A — HUMAN NECESSITIES

## A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

**A61N ELECTROTHERAPY; MAGNETOTHERAPY; RADIATION THERAPY; ULTRASOUND THERAPY** (measurement of bioelectric currents A61B; surgical instruments, devices or methods for transferring non-mechanical forms of energy to or from the body A61B 18/00; anaesthetic apparatus in general A61M; incandescent lamps H01K; infra-red radiators for heating H05B) [6]

**Note(s)**

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

- "therapy" implies that the treatment, when it aims at destroying sick or abnormal cells, is performed within the limits of healthy cell life, the destruction thereof being undesired, contrary to that which takes place with instruments, devices or methods covered by group A61B 18/00.

**Subclass index**

ELECTROTHERAPY.....	1/00
MAGNETOTHERAPY.....	2/00
RADIATION THERAPY.....	5/00
ULTRASOUND THERAPY.....	7/00

<b>1/00 Electrotherapy; Circuits therefor</b> (A61N 2/00 takes precedence; electrically conductive preparations for use in therapy or testing <i>in vivo</i> A61K 50/00) [5]	1/368	• • • • • comprising more than one electrode co-operating with different heart regions [4]
1/02 • Details	1/37	• • • • • Monitoring; Protecting [4]
1/04 • • Electrodes	1/372	• • • • • Arrangements in connection with the implantation of stimulators [4]
1/05 • • • for implantation or insertion into the body, e.g. heart electrode (A61N 1/06 takes precedence) [4]	1/375	• • • • • Constructional arrangements, e.g. casings [4]
1/06 • • • for high-frequency therapy	1/378	• • • • • Electrical supply [4]
1/08 • • Arrangements or circuits for monitoring, protecting, controlling or indicating (for a single specific type of apparatus A61N 1/10-A61N 1/44) [4]	1/38	• • • for producing shock effects
1/10 • Applying static electricity (applying ionised gases or vapours A61N 1/44)	1/39	• • • • • Heart defibrillators [4]
1/14 • Leading-off electric charges, e.g. by earthing	1/40	• Applying electric fields by inductive or capacitive coupling
1/16 • Screening or neutralising undesirable influences from atmospheric or terrestrial radiation or fields	1/44	• Applying ionised fluids
1/18 • Applying electric currents by contact electrodes	<b>2/00 Magnetotherapy [5]</b>	
1/20 • • continuous direct currents	2/02	• using magnetic fields produced by coils, including single turn loops or electromagnets (A61N 2/12 takes precedence) [5]
1/22 • • • Electromedical belts	2/04	• • using variable fields, e.g. low frequency or pulsating fields [5]
1/24 • • • • with built-in power source	2/06	• using magnetic fields produced by permanent magnets (A61N 2/12 takes precedence) [5]
1/26 • • • Electromedical brushes; Electromedical massage devices	2/08	• • applied externally [5]
1/28 • • • Apparatus for applying thermoelectric currents	2/10	• • applied within the body, e.g. with injected or implanted elements [5]
1/30 • • • Apparatus for iontophoresis or cataphoresis	2/12	• using variable magnetic fields obtained by mechanical movement [5]
1/32 • • alternating or intermittent currents	<b>5/00 Radiation therapy</b> (devices or apparatus applicable to both therapy and diagnosis A61B 6/00; applying radioactive material to the body A61M 36/00) [5, 6]	
1/34 • • • for producing anaesthesia	5/01	• Devices for producing movement of radiation source during therapy
1/36 • • • for stimulation, e.g. heart pace-makers	5/02	• using microwaves (A61N 5/01 takes precedence)
1/362 • • • • Heart stimulators (A61N 1/372 takes precedence; heart defibrillators A61N 1/39) [4]	5/04	• • Radiators for near-field treatment
1/365 • • • • controlled by a physiological parameter, e.g. by heart potential [4]		

## A61N

- 5/06 • using light (A61N 5/01 takes precedence)
  - 5/067 • • using laser light **[7]**
  - 5/073 • • using polarised light (A61N 5/067 takes precedence) **[7]**
  - 5/08 • • using combined infra-red and ultra-violet light
- 5/10 • X-ray therapy; Gamma-ray therapy; Particle-irradiation therapy (A61N 5/01 takes precedence)
  - 7/00** **Ultrasound therapy** (lithotripsy A61B 17/22, A61B 17/225; massage using supersonic vibration A61H 23/00) **[6]**
  - 7/02 • Localised ultrasound hyperthermia **[6]**