CPC COOPERATIVE PATENT CLASSIFICATION

G PHYSICS

(NOTES omitted)

G16 INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] SPECIALLY ADAPTED FOR SPECIFIC APPLICATION FIELDS (NOTES omitted)

G16H HEALTHCARE INFORMATICS, i.e. INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] SPECIALLY ADAPTED FOR THE HANDLING OR PROCESSING OF MEDICAL OR HEALTHCARE DATA

NOTES

- 1. This subclass <u>covers</u> cross-sectional aspects of computer, information or communication science with medical or healthcare science, where the focus is clearly placed on digital computing or data processing systems or methods, which are specially adapted for medical or healthcare science.
- 2. This subclass does not cover:
 - a. medical equipment, medical methods, methods of diagnosis, methods of treatment or therapy, clinical care or surgical procedures <u>per se</u>, which are covered by the relevant subclasses of <u>A61</u>;
 - b. signal processing or signal transmission associated to diagnostic measurements, e.g. signal waveform analysis, which are covered by group <u>A61B 5/00</u>.
- 3. In order to determine whether a technical subject relating to medical or healthcare science is classified in this subclass or in the relevant subclasses of <u>A61</u>, the following should be observed:
 - a. to classify a technical subject in this subclass it is required that the essential technical features of the subject focus onto digital computing or data processing systems or methods;
 - b. if the technical subject focuses onto aspects of medical science, e.g. physiological signals or medical conditions, or if the subject involves a significant interaction with the patient, e.g. details of a diagnostic measurement, then classification shall be directed to the appropriate subclasses of class <u>A61</u>;
 - c. the mere presence of "a computer" or "a flowchart" in relation to medical devices or procedures is not a key element for classifying in this subclass. In this case classification shall rather be directed to the appropriate subclasses covering those medical devices or procedures.

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

10/00	ICT specially adapted for the handling or	20/17	• • delivered via infusion or injection
	processing of patient-related medical or healthcare	20/30	• relating to physical therapies or activities, e.g.
	data (for medical reports G16H 15/00; for therapies		physiotherapy, acupressure or exercising
	or health-improving plans G16H 20/00; for	20/40	• relating to mechanical, radiation or invasive
	the handling or processing of medical images		therapies, e.g. surgery, laser therapy, dialysis or
	<u>G16H 30/00</u>)		acupuncture
10/20	. for electronic clinical trials or questionnaires	20/60	• relating to nutrition control, e.g. diets
10/40	. for data related to laboratory analysis, e.g. patient	20/70	• relating to mental therapies, e.g. psychological
	specimen analysis		therapy or autogenous training
10/60	. for patient-specific data, e.g. for electronic patient	20/90	· relating to alternative medicines, e.g. homeopathy or
	records		oriental medicines
10/65	• • stored on portable record carriers, e.g. on	20/00	ICT masially adapted for the boy ding on
	smartcards, RFID tags or CD	30/00	ICT specially adapted for the handling or
15/00	ICT specially adapted for medical reports, e.g.		processing of medical images (computed
15/00	generation or transmission thereof	20/20	tomography <u>A61B 6/03</u>)
	generation of transmission thereof	30/20	• for handling medical images, e.g. DICOM, HL7 or
20/00	ICT specially adapted for therapies or health-		PACS
	improving plans, e.g. for handling prescriptions,	30/40	• for processing medical images, e.g. editing
	for steering therapy or for monitoring patient	40/00	ICT specially adapted for the management or
	compliance	10,00	administration of healthcare resources or facilities;
20/10	• relating to drugs or medications, e.g. for ensuring		ICT specially adapted for the management or
	correct administration to patients		operation of medical equipment or devices
20/13	• • delivered from dispensers		

G16H

- 40/20 . for the management or administration of healthcare resources or facilities, e.g. managing hospital staff or surgery rooms
 40/40 . for the management of medical equipment or
- devices, e.g. scheduling maintenance or upgrades
- 40/60 . for the operation of medical equipment or devices

NOTES

- 1. This group <u>covers</u> ICT specially adapted for the operation of medical equipment or devices, or of their interfaces, i.e. aspects of the operation where the focus is on the processing of medical or healthcare data which results in contextual, content-related or structural transformation of said data.
- 2. This group <u>does not cover</u> the operation of medical equipment or devices, or of their interfaces, without contextual, content-related or structural transformation of medical or healthcare data, which is covered by the relevant groups of class <u>A61</u>.
- 40/63 . . for local operation
- 40/67 . for remote operation
- 50/00 ICT specially adapted for medical diagnosis, medical simulation or medical data mining; ICT specially adapted for detecting, monitoring or modelling epidemics or pandemics
- 50/20 . for computer-aided diagnosis, e.g. based on medical expert systems
- 50/30 . for calculating health indices; for individual health risk assessment
- 50/50 . for simulation or modelling of medical disorders
- 50/70 . for mining of medical data, e.g. analysing previous cases of other patients
- 50/80 . for detecting, monitoring or modelling epidemics or pandemics, e.g. flu

70/00 ICT specially adapted for the handling or processing of medical references 70/20 . relating to practices or guidelines

- 70/40 relating to practices or guidelinesrelating to drugs, e.g. their side effects or intended usage
- 70/60 relating to pathologies
- 80/00 ICT specially adapted for facilitating communication between medical practitioners or patients, e.g. for collaborative diagnosis, therapy or health monitoring