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 covers 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 per se, which are covered by the relevant subclasses of A61;
   b. signal processing or signal transmission associated to diagnostic measurements, e.g. signal waveform analysis, which are covered by group A61B 5/00.

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 A61, 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 A61;
   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.

10/00  ICT specially adapted for the handling or processing of patient-related medical or healthcare data (for medical reports G16H 15/00; for therapies or health-improving plans G16H 20/00; for the handling or processing of medical images G16H 30/00)

WARNING

Group G16H 10/00 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/36, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

10/20  . for electronic clinical trials or questionnaires

WARNING

Group G16H 10/20 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/36, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

10/40  . for data related to laboratory analysis, e.g. patient specimen analysis

WARNING

Group G16H 10/40 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/36, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

10/60  . for patient-specific data, e.g. for electronic patient records

WARNING

Group G16H 10/60 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.
Group G16H 10/65
stored on portable record carriers, e.g. on
smartcards, RFID tags or CD

**WARNING**
Group G16H 10/65 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

Group G16H 15/00
ICT specially adapted for medical reports, e.g.
generation or transmission thereof

**WARNING**
Group G16H 15/00 is incomplete pending reclassification of documents from groups G06F 19/00, G06F 19/30, G06F 19/32, G06Q 50/22, and G06Q 50/24.
Groups G06F 19/00, G06F 19/30, G06F 19/32, G06Q 50/22, and G16H 15/00 should be considered in order to perform a complete search.

Group G16H 20/00
ICT specially adapted for therapies or health-
 improving plans, e.g. for handling prescriptions,
for steering therapy or for monitoring patient
compliance

**WARNING**
Group G16H 20/00 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

Group G16H 20/10
relating to drugs or medications, e.g. for ensuring
correct administration to patients

**WARNING**
Group G16H 20/10 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3456, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

Group G16H 20/13
relating to drugs or medications, e.g. for ensuring
correct administration to patients

**WARNING**
Group G16H 20/13 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3456, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

Group G16H 20/17
. delivered via infusion or injection

**WARNING**
Group G16H 20/17 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3468, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

Group G16H 20/30
relating to physical therapies or activities, e.g.
physiotherapy, acupressure or exercising

**WARNING**
Group G16H 20/30 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3481, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

Group G16H 20/40
relating to mechanical, radiation or invasive
therapies, e.g. surgery, laser therapy, dialysis or acupuncture

**WARNING**
Group G16H 20/40 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3481, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

Group G16H 20/60
relating to nutrition control, e.g. diets

**WARNING**
Group G16H 20/60 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3456, G06F 19/3462, G06F 19/3468, G06F 19/3475, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.

Group G16H 20/70
relating to mental therapies, e.g. psychological
therapy or autogenous training

**WARNING**
Group G16H 20/70 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3456, G06F 19/3462, G06F 19/3468, G06F 19/3475, G06Q 50/22, and G06Q 50/24.
All groups listed in this Warning should be considered in order to perform a complete search.
relating to alternative medicines, e.g. homeopathy or oriental medicines

**WARNING**

Group **G16H 20/90** is incomplete pending reclassification of documents from groups **G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3456, G06F 19/3462, G06F 19/3468, G06F 19/3475, G06F 19/3481, G06Q 50/22, and G06Q 50/24.**

All groups listed in this Warning should be considered in order to perform a complete search.

ICT specially adapted for the handling or processing of medical images (computerised tomography **A61B 6/03**)

**WARNING**

Groups **G16H 30/00 – G16H 30/40** are incomplete pending reclassification of documents from groups **G06F 19/30, G06F 19/32, G06F 19/321, G06Q 50/22, and G06Q 50/24.**

Groups **G06F 19/30, G06F 19/32, G06F 19/321, G06Q 50/22, G06Q 50/24 and G16H 30/00 – G16H 30/40** should be considered in order to perform a complete search.

ICT specially adapted for the management or administration of healthcare resources or facilities; ICT specially adapted for the management or operation of medical equipment or devices

**WARNING**

Group **G16H 40/00** is incomplete pending reclassification of documents from groups **G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, and G06Q 50/24.**

All groups listed in this Warning should be considered in order to perform a complete search.

ICT specially adapted for the handling or processing of medical images

**WARNING**

Group **G16H 40/00** is incomplete pending reclassification of documents from groups **G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, and G06Q 50/24.**

All groups listed in this Warning should be considered in order to perform a complete search.

ICT specially adapted for the management or administration of healthcare resources or facilities

**WARNING**

Group **G16H 40/20** is incomplete pending reclassification of documents from groups **G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, and G06Q 50/24.**

All groups listed in this Warning should be considered in order to perform a complete search.

ICT specially adapted for the management of medical equipment or devices

**WARNING**

Group **G16H 40/40** is incomplete pending reclassification of documents from groups **G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3418, G06Q 50/22, and G06Q 50/24.**

All groups listed in this Warning should be considered in order to perform a complete search.

ICT specially adapted for the local operation

**WARNING**

Group **G16H 40/63** is incomplete pending reclassification of documents from groups **G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, and G06Q 50/24.**

All groups listed in this Warning should be considered in order to perform a complete search.

ICT specially adapted for the remote operation

**WARNING**

Group **G16H 40/67** is incomplete pending reclassification of documents from groups **G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/3418, G06Q 50/22, and G06Q 50/24.**

All groups listed in this Warning should be considered in order to perform a complete search.
ICT specially adapted for medical diagnosis, medical simulation or medical data mining; ICT specially adapted for detecting, monitoring or modelling epidemics or pandemics

**WARNING**

Groups G16H 50/00 - G16H 50/80 are incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, G06Q 50/24.

Groups G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, G06Q 50/24 and G16H 50/00 – G16H 50/80 should be considered in order to perform a complete search.

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

ICT specially adapted for the handling or processing of medical references

**WARNING**

Group G16H 70/00 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 19/36, G06Q 50/22, and G06Q 50/24.

All groups listed in this Warning should be considered in order to perform a complete search.

70/20 . relating to practices or guidelines

**WARNING**

Group G16H 70/20 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/325, G06F 19/34, G06Q 50/22, and G06Q 50/24.

All groups listed in this Warning should be considered in order to perform a complete search.

70/40 . relating to drugs, e.g. their side effects or intended usage

**WARNING**

Group G16H 70/40 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/326, G06F 19/34, G06Q 50/22, and G06Q 50/24.

All groups listed in this Warning should be considered in order to perform a complete search.

ICT specially adapted for facilitating communication between medical practitioners or patients, e.g. for collaborative diagnosis, therapy or health monitoring

**WARNING**

Group G16H 80/00 is incomplete pending reclassification of documents from groups G06F 19/30, G06F 19/32, G06F 19/34, G06F 50/22, G06Q 50/24.

Groups G06F 19/30, G06F 19/32, G06F 19/34, G06Q 50/22, G06Q 50/24 and G16H 80/00 should be considered in order to perform a complete search.