

Title (en)
TRANSMISSION/EMISSION REGISTERED IMAGE (TERI) COMPUTED TOMOGRAPHY SCANNERS

Publication
EP 0438555 A4 19930127 (EN)

Application
EP 90911191 A 19900702

Priority
US 37531889 A 19890630

Abstract (en)
[origin: WO9100048A2] Acquisition of CT transmission data and omission data is achieved with the same scanner. Because the transmission and emission data sets are spatially registered, the map of attenuation coefficients described by the reconstructed transmission images can be used for generating a mathematically correct matrix for correction of sequentially or simultaneously acquired SPECT imaging data. The imaging devices can be gamma cameras (4).

IPC 1-7
G01T 1/166; **G01N 23/04**; **G21F 5/015**; **G21K 1/02**; **A61B 6/03**

IPC 8 full level
A61B 6/03 (2006.01); **G01T 1/164** (2006.01)

CPC (source: EP)
A61B 6/032 (2013.01); **A61B 6/037** (2013.01); **A61B 6/4014** (2013.01); **A61B 6/482** (2013.01); **A61B 6/5235** (2013.01); **G01T 1/1647** (2013.01); **G01T 1/1648** (2013.01); **A61B 6/4035** (2013.01); **A61B 6/548** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9100048A2

Cited by
CN106683142A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 9100048 A2 19910110; **WO 9100048 A3 19910221**; AU 5963890 A 19910117; CA 2041664 A1 19901231; EP 0438555 A1 19910731; EP 0438555 A4 19930127

DOCDB simple family (application)
US 9003722 W 19900702; AU 5963890 A 19900702; CA 2041664 A 19900702; EP 90911191 A 19900702