

Title (en)

GENERATION OF RADIOLOGICAL IMAGES

Title (de)

ERZEUGEN VON RADIOLOGISCHEN AUFNAHMEN

Title (fr)

GÉNÉRATION D'IMAGES RADIOLOGIQUES

Publication

EP 4128261 A1 20230208 (DE)

Application

EP 21713686 A 20210325

Priority

- EP 20167879 A 20200403
- EP 20204511 A 20201029
- EP 2021057689 W 20210325

Abstract (en)

[origin: WO2021197996A1] The invention relates to the generation of radiological images of an examination area of an object under examination. On the basis of measured radiological images of an examination area that show blood vessels in the examination area with decreasing contrast intensity over time, the invention generates artificial radiological images of the examination area that show blood vessels with constant contrast intensity.

IPC 8 full level

G16H 30/20 (2018.01); **G16H 30/40** (2018.01)

CPC (source: EP US)

G01R 33/5601 (2013.01 - US); **G01R 33/5608** (2013.01 - US); **G06T 7/0016** (2013.01 - US); **G06T 11/00** (2013.01 - US);
G16H 30/20 (2017.12 - EP); **G16H 30/40** (2017.12 - EP); **G16H 50/50** (2017.12 - US); **G06T 2207/10016** (2013.01 - US);
G06T 2207/10088 (2013.01 - US); **G06T 2207/20081** (2013.01 - US); **G06T 2207/20084** (2013.01 - US); **G06T 2207/30101** (2013.01 - US);
G06T 2210/41 (2013.01 - US)

Citation (search report)

See references of WO 2021197996A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021197996 A1 20211007; CA 3177210 A1 20211007; CN 115398555 A 20221125; EP 4128261 A1 20230208; JP 2023521640 A 20230525;
US 2023147968 A1 20230511

DOCDB simple family (application)

EP 2021057689 W 20210325; CA 3177210 A 20210325; CN 202180027276 A 20210325; EP 21713686 A 20210325;
JP 2022559985 A 20210325; US 202117907556 A 20210325