

Title (en)

MEDICAL SET FOR MONITORING A PATIENT BY MEANS OF RADAR WAVES

Title (de)

MEDIZINISCHES SET ZUM UEBERWACHEN EINES PATIENTEN MITTELS RADARWELLEN

Title (fr)

ENSEMBLE MÉDICAL POUR LA SURVEILLANCE D'UN PATIENT AU MOYEN D'ONDES RADAR

Publication

EP 4158377 A1 20230405 (DE)

Application

EP 21728521 A 20210521

Priority

- DE 102020114502 A 20200529
- US 202117194546 A 20210308
- EP 2021063727 W 20210521

Abstract (en)

[origin: US2021369928A1] A medical system, usable for example in connection with a dialysis apparatus, may utilize radar waves for monitoring a patient, a medical area, or an object. The medical system includes at least one sending device for sending radar waves, and at least one receiving device for receiving reflected radar waves. The medical system further includes an evaluation unit for evaluating the reflected radar waves which have been received by the at least one receiving device, resulting in obtaining a result, and an output device for outputting the result or a signal based on the result.

IPC 8 full level

G01S 13/50 (2006.01); **G01S 13/86** (2006.01); **G01S 13/88** (2006.01)

CPC (source: EP US)

A61M 1/1601 (2014.02 - EP US); **A61M 1/3655** (2013.01 - EP); **A61M 1/3656** (2014.02 - EP); **A61M 1/3659** (2014.02 - US); **G01S 13/50** (2013.01 - EP); **G01S 13/86** (2013.01 - EP); **G01S 13/88** (2013.01 - EP); **G16H 20/40** (2017.12 - EP); **G16H 40/63** (2017.12 - EP); **A61M 2205/3306** (2013.01 - EP); **A61M 2205/3317** (2013.01 - EP); **A61M 2205/3368** (2013.01 - EP); **A61M 2205/35** (2013.01 - EP US); **A61M 2205/502** (2013.01 - US); **A61M 2205/52** (2013.01 - EP); **A61M 2205/60** (2013.01 - EP US); **A61M 2209/088** (2013.01 - US); **A61M 2230/04** (2013.01 - EP US); **A61M 2230/62** (2013.01 - EP); **A61M 2230/63** (2013.01 - EP US)

Citation (search report)

See references of WO 2021239639A1

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)

US 11793914 B2 20231024; **US 2021369928 A1 20211202**; DE 102020114502 A1 20211202; EP 4158377 A1 20230405; WO 2021239639 A1 20211202

DOCDB simple family (application)

US 202117194546 A 20210308; DE 102020114502 A 20200529; EP 2021063727 W 20210521; EP 21728521 A 20210521