

Title (en)  
LITHOTRIPSY DEVICE, LITHOTRIPSY SYSTEM AND METHOD FOR OPERATING A LITHOTRIPSY DEVICE

Title (de)  
LITHOTRIPSIEVORRICHTUNG, LITHOTRIPSIESYSTEM UND VERFAHREN ZUM BETREIBEN EINER LITHOTRIPSIEVORRICHTUNG

Title (fr)  
DISPOSITIF DE LITHOTRIPSIE, SYSTÈME DE LITHOTRIPSIE ET PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF DE LITHOTRIPSIE

Publication  
**EP 4267021 A1 20231101 (DE)**

Application  
**EP 21843914 A 20211220**

Priority

- DE 102020134602 A 20201222
- EP 2021086873 W 20211220

Abstract (en)  
[origin: WO2022136311A1] The invention relates to a lithotripsy device comprising an elongate probe (1), which can be inserted into a body interior of a human or animal body, and a drive arrangement for deflecting the probe (1), which is arranged at a proximal portion (3) of the probe (1), the drive arrangement comprising an ultrasonic converter unit (2) for exciting ultrasonic vibrations in the direction of a longitudinal extension of the probe (1), and the drive arrangement having a deflection device (64) for exerting a time-varying force onto the probe (1) in a direction transversely to the longitudinal extension of the probe (1). The invention also relates to a lithotripsy system and to a method for operating a lithotripsy device.

IPC 8 full level  
**A61B 17/22** (2006.01); **A61B 17/32** (2006.01)

CPC (source: EP US)  
**A61B 17/22012** (2013.01 - EP US); **A61B 17/320068** (2013.01 - US); **A61B 2017/22011** (2013.01 - EP US); **A61B 2017/22014** (2013.01 - EP US); **A61B 2017/320098** (2017.08 - EP US); **A61B 2503/00** (2013.01 - US)

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 2022136311 A1 20220630**; CN 116867446 A 20231010; DE 102020134602 A1 20220623; DE 102020134602 B4 20231123; EP 4267021 A1 20231101; US 2024050112 A1 20240215

DOCDB simple family (application)  
**EP 2021086873 W 20211220**; CN 202180093347 A 20211220; DE 102020134602 A 20201222; EP 21843914 A 20211220; US 202118258732 A 20211220