

Title (en)
ABLATION DEVICES AND METHODS OF MANUFACTURING THE SAME

Title (de)
ABLATIONSVORRICHTUNGEN UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
DISPOSITIFS D'ABLATION ET PROCÉDÉS DE FABRICATION ASSOCIÉS

Publication
EP 4277555 A1 20231122 (EN)

Application
EP 22702369 A 20220113

Priority
• US 202163137499 P 20210114
• US 2022012310 W 20220113

Abstract (en)
[origin: WO2022155334A1] An ablation device includes a probe body, a distal face covering a distal end of the probe body and defining a central aperture, a distal tip extending through the central aperture in sealing relation therewith, and a sensing probe. The distal tip extends from a proximal end within an interior volume of the probe body to a distal end distally-spaced therefrom and defines a lumen. The sensing probe is sealed within the lumen and extends from within the interior volume distally through a portion of the lumen to a position proximally-spaced from the distal end of the distal tip. A portion of the sensing probe is exposed within an unoccupied volume of the lumen defined between the sensing probe and the distal end of the distal tip to enable direct contact between the exposed portion of the sensing probe and tissue extending into the unoccupied volume.

IPC 8 full level
A61B 18/14 (2006.01)

CPC (source: EP)
A61B 18/1402 (2013.01); **A61B 18/148** (2013.01); **A61B 2017/00526** (2013.01); **A61B 2018/00023** (2013.01); **A61B 2018/00273** (2013.01); **A61B 2018/00339** (2013.01); **A61B 2018/00577** (2013.01); **A61B 2018/00714** (2013.01); **A61B 2018/00791** (2013.01); **A61B 2018/00815** (2013.01); **A61B 2018/00821** (2013.01)

Citation (search report)
See references of WO 2022155334A1

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 2022155334 A1 20220721; EP 4277555 A1 20231122

DOCDB simple family (application)
US 2022012310 W 20220113; EP 22702369 A 20220113