

Title (en)

EQUIPMENT FOR THE COLLECTION OF LUNG TISSUE IN THE ENDOSCOPIC EXAMINATION OF THE LUNGS

Title (de)

AUSRÜSTUNG ZUR SAMMLUNG VON LUNGENGeweBE IN DER ENDOSKOPISCHEN UNTERSUCHUNG DER LUNGE

Title (fr)

ÉQUIPEMENT POUR LA COLLECTE DE TISSU PULMONAIRE DANS L'EXAMEN ENDOSCOPIQUE DES POUMONS

Publication

EP 3965661 A4 20230118 (EN)

Application

EP 20809163 A 20200520

Priority

- CZ 2019310 A 20190520
- CZ 2020050031 W 20200520

Abstract (en)

[origin: WO2020233730A1] The lung parenchyma sampling device is formed at the distal end by a biopsy trap (1) and at the proximal end by a control device (2) of the biopsy trap (1) which are interconnected by a catheter (8) comprising a rod (5). The biopsy trap (1) consists of at least three flexible flat blades (3) located around the central part, formed by the catheter (8) provided with the rod (5) and connected to a rotating extension (9) of the catheter (8) located on the control device (2). The blades (3) are firmly connected to the central part at the distal end of the biopsy trap (1) by a soft fixation element (6a), and the proximal end of the biopsy trap (1) is formed by a proximal-moving anchor (7) of blades (3) provided with a soft fixing element (6b).

IPC 8 full level

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CPC (source: CZ EP)

A61B 10/0266 (2013.01 - EP); **A61B 10/04** (2013.01 - CZ EP); **A61B 17/320725** (2013.01 - EP)

Citation (search report)

- [IY] WO 2009154894 A2 20091223 - CHEST INNOVATIONS INC [US], et al
- [Y] US 2013345739 A1 20131226 - BRADY EAMON [IE], et al
- [A] US 6152932 A 20001128 - TERNSTROEM STAFFAN [SE]
- [A] US 2017065282 A1 20170309 - MATHIS MARK L [US], et al
- See references of WO 2020233730A1

Designated contracting state (EPC)

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