

Title (en)

DEVICE AND METHOD FOR TREATING WITH HIGH-FREQUENCY ACOUSTIC WAVES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BEHANDLUNG MIT AKUSTISCHEN HOCHFREQUENZWELLEN

Title (fr)

DISPOSITIF ET PROCEDE DE TRAITEMENT PAR DES ONDES ACOUSTIQUES DE HAUTE FREQUENCE

Publication

**EP 3570684 A1 20191127 (FR)**

Application

**EP 18700419 A 20180116**

Priority

- FR 1770057 A 20170117
- FR 1771277 A 20171129
- EP 2018050944 W 20180116

Abstract (en)

[origin: CA3049999A1] The invention relates to a device for treating with high-frequency acoustic waves, comprising at least one chamber and at least one ultrasound transducer. The invention is characterised in that the waves produced by the ultrasound transducer in the chamber have a frequency higher than 100 kHz and preferably higher than 200 kHz. The invention also relates to its use in the treatment of a plant or in the non-therapeutic treatment of an animal in the chamber (2).

IPC 8 full level

**A23L 3/30** (2006.01); **A01C 1/00** (2006.01); **A01G 7/04** (2006.01); **A23B 7/015** (2006.01); **A23B 7/158** (2006.01); **A23L 3/015** (2006.01); **A23N 12/02** (2006.01); **A47J 43/24** (2006.01); **B06B 1/00** (2006.01); **B06B 1/06** (2006.01); **B06B 1/20** (2006.01); **B06B 3/00** (2006.01); **B08B 3/12** (2006.01)

CPC (source: EP US)

**A01C 1/00** (2013.01 - EP); **A01G 7/04** (2013.01 - EP); **A23B 7/015** (2013.01 - EP); **A23B 7/158** (2013.01 - US); **A23L 3/30** (2013.01 - EP US); **A23L 5/32** (2016.08 - EP US); **A23N 12/02** (2013.01 - EP); **A47J 43/24** (2013.01 - EP); **B06B 1/00** (2013.01 - EP); **B06B 3/00** (2013.01 - EP); **A23B 7/158** (2013.01 - EP); **A23L 3/015** (2013.01 - EP)

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

DOCDB simple family (publication)

**FR 3061836 A1 20180720**; **FR 3061836 B1 20210604**; CA 3049999 A1 20180726; EP 3570684 A1 20191127; FR 3061835 A1 20180720; FR 3061835 B1 20210806; US 2020205446 A1 20200702; WO 2018134181 A1 20180726

DOCDB simple family (application)

**FR 1770057 A 20170117**; CA 3049999 A 20180116; EP 18700419 A 20180116; EP 2018050944 W 20180116; FR 1771277 A 20171129; US 201816478757 A 20180116