

Title (en)

DEVICE AND METHOD FOR CONTINUOUS TREATMENT OF A FOOD PRODUCT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KONTINUIERLICHEN BEHANDLUNG EINES LEBENSMITTELPRODUKTS

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR LE TRAITEMENT CONTINU D'UN PRODUIT ALIMENTAIRE

Publication

EP 3622833 A1 20200318 (EN)

Application

EP 17748516 A 20170510

Priority

ES 2017070294 W 20170510

Abstract (en)

A device and process for continuous treatment of a food product that uses the device having: a tubular chamber (1) which has a first conduit (101) as an inlet for the food product and a second conduit (102) as an outlet for the food product, to maintain the food product pressurized from the first conduit (101) to the second conduit (102); a circulation circuit (121) for thermal fluid in the tubular chamber (1) between a first inlet (11) for thermal fluid and a first outlet (12) for thermal fluid; a malaxing mechanism (30) inside the tubular chamber (1) to malax the food product, which has a rotating shaft (301) and a plurality of blades (300) along the rotating shaft (301), the rotating shaft (301) being parallel to a longitudinal axis of the tubular chamber (1).

IPC 8 full level

A23N 1/02 (2006.01); **C11B 1/06** (2006.01)

CPC (source: EP)

C11B 1/06 (2013.01); **C11B 1/08** (2013.01); **F28D 2021/0042** (2013.01)

Citation (search report)

See references of WO 2018206827A1

Cited by

EP4311854A1

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)

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DOCDB simple family (publication)

EP 3622833 A1 20200318; **EP 3622833 B1 20210324**; ES 2877760 T3 20211117; PT 3622833 T 20210623; TN 2019000288 A1 20210507; WO 2018206827 A1 20181115

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