

Title (en)
ARRANGEMENT FOR TREATING MATERIALS WITH MICROWAVES

Title (de)
ANORDNUNG ZUR BEHANDLUNG VON MATERIALIEN MIT MIKROWELLEN

Title (fr)
DISPOSITIF POUR LE TRAITEMENT DE MATÉRIAUX PAR MICRO-ONDES

Publication
EP 3323273 A1 20180523 (DE)

Application
EP 16731559 A 20160616

Priority

- DE 102015111555 A 20150716
- EP 2016063840 W 20160616

Abstract (en)
[origin: WO2017008986A1] An arrangement (10) for treating materials (12) with microwaves contains a multimode microwave applicator (18) for treating the material with microwaves in a first treatment region (20); a monomode microwave applicator (24) with a multipart embodiment for treating the material with microwaves in a second treatment region (22); and means (14) for successively conveying the material to be treated through the first treatment region and the second treatment region; wherein provision is made of a drive (32) for moving the two parts of the monomode microwave applicator apart or away from one another in such a way that the dimensions (30) of the second treatment region increase perpendicular to the conveying direction (28).

IPC 8 full level
H05B 6/70 (2006.01); **H05B 6/78** (2006.01)

CPC (source: EP)
H05B 6/701 (2013.01); **H05B 6/78** (2013.01); **H05B 2206/044** (2013.01)

Citation (search report)
See references of WO 2017008986A1

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)
DE 102015111555 B3 20160929; CN 108141931 A 20180608; EP 3323273 A1 20180523; EP 3323273 B1 20200902;
WO 2017008986 A1 20170119

DOCDB simple family (application)
DE 102015111555 A 20150716; CN 201680041194 A 20160616; EP 16731559 A 20160616; EP 2016063840 W 20160616