

Title (en)

METHOD AND DEVICE FOR DRYING AN EXPLOSIVE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR TROCKNUNG VON EXPLOSIVSTOFF

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA DESSICCATION D'UNE MATIÈRE EXPLOSIVE

Publication

**EP 3577095 B1 20220525 (DE)**

Application

**EP 18702459 A 20180125**

Priority

- DE 102017102271 A 20170206
- EP 2018051857 W 20180125

Abstract (en)

[origin: WO2018141630A1] The invention relates to a method and to a device for drying an explosive, wherein the explosive contains moisture and microwave radiation causes the explosive to expel the moisture contained in the explosive. According to the invention, there is a drying chamber having magnetrons. Said magnetrons can then exert the required microwave radiation on the explosive to be dried and thereby heat the explosive. During heating, the moisture in the explosive is then expelled.

IPC 8 full level

**C06B 21/00** (2006.01)

CPC (source: EP KR US)

**C06B 21/0091** (2013.01 - EP KR US); **F26B 3/347** (2013.01 - KR US); **B28B 11/241** (2013.01 - US); **F26B 15/18** (2013.01 - US); **H05B 6/78** (2013.01 - US); **H05B 6/80** (2013.01 - US); **H05B 2206/04** (2013.01 - US)

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

DOCDB simple family (publication)

**WO 2018141630 A1 20180809**; AU 2018216777 A1 20190627; AU 2018216777 B2 20201210; CA 3044956 A1 20180809; CA 3044956 C 20230124; DE 102017102271 A1 20180809; DE 102017102271 B4 20210812; EP 3577095 A1 20191211; EP 3577095 B1 20220525; KR 20190109430 A 20190925; PL 3577095 T3 20220816; US 11293692 B2 20220405; US 2020141643 A1 20200507

DOCDB simple family (application)

**EP 2018051857 W 20180125**; AU 2018216777 A 20180125; CA 3044956 A 20180125; DE 102017102271 A 20170206; EP 18702459 A 20180125; KR 20197022652 A 20180125; PL 18702459 T 20180125; US 201916533337 A 20190806