

Title (en)

PLANT FOR PREPARING AN EXPLOSIVE COMPOSITION, AND METHOD FOR PREPARING AN EXPLOSIVE COMPOSITION

Title (de)

ANLAGE ZUR HERSTELLUNG EINER SPRENGSTOFFZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG EINER SPRENGSTOFFZUSAMMENSETZUNG

Title (fr)

INSTALLATION POUR LA PREPARATION D'UNE COMPOSITION EXPLOSIVE ET PROCEDE DE PREPARATION D'UNE COMPOSITION EXPLOSIVE

Publication

EP 4087831 B1 20231213 (FR)

Application

EP 21705237 A 20210106

Priority

- FR 2000224 A 20200110
- FR 2021050012 W 20210106

Abstract (en)

[origin: WO2021140297A1] The invention relates to a plant for preparing an explosive composition in the form of cartridges and to a method for preparing an explosive composition. More specifically, the plant according to the invention comprises: - a first hopper which is intended to contain ammonium nitrate in the form of prills and is connected to an inlet end of a screw feeder; - a means for injecting a water-in-oil emulsion comprising nitrate, said injection means being located close to an outlet end of the screw feeder; - a vertical tubular element, an inlet end of which is connected to the outlet end of the screw feeder and an outlet end of which is connected to an inlet end of a screw mixer; - a second hopper which is intended to contain small hollow bodies and is connected to the vertical tubular element via a means for injecting the small hollow bodies, said injection means being located near the outlet end of the vertical element.

IPC 8 full level

C06B 21/00 (2006.01); **C06B 31/28** (2006.01); **C06B 47/14** (2006.01)

CPC (source: EP)

C06B 21/0008 (2013.01); **C06B 31/28** (2013.01); **C06B 47/145** (2013.01)

Citation (examination)

DE 10105590 B4 20050428 - WESTSPRENG GMBH SPRENGSTOFFE & [DE]

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 2021140297 A1 20210715; EP 4087831 A1 20221116; EP 4087831 B1 20231213; EP 4087831 C0 20231213; FR 3106073 A1 20210716; FR 3106073 B1 20220121

DOCDB simple family (application)

FR 2021050012 W 20210106; EP 21705237 A 20210106; FR 2000224 A 20200110