

Title (en)

A SENSITISED, SAFE TO MANUFACTURE AND ENVIRONMENTALLY FRIENDLY EXPLOSIVE COMPOSITION

Title (de)

SENSIBILISIERTE, SICHER HERZUSTELLENDEN UND UMWELTFREUNDLICHE SPRENGSTOFFZUSAMMENSETZUNG

Title (fr)

COMPOSITION EXPLOSIVE SENSIBILISÉE, SANS DANGER POUR LA FABRICATION ET RESPECTUEUSE DE L'ENVIRONNEMENT

Publication

EP 3870557 A4 20220824 (EN)

Application

EP 19876911 A 20191025

Priority

- SE 2019051050 W 20191025
- AU 2018904060 A 20181025

Abstract (en)

[origin: WO2020085986A1] An explosive composition, its manufacture process and its use comprising an oxidiser solution, with at least one water soluble fuel or at least one water insoluble fuel, with at least one pH sensitive thickener, with at least one pH modifier, with at least one sensitising material to create hot spots, optionally with at least one hydrogen peroxide stabiliser, optionally at least one surfactant to assist with the incorporation of solid sensitising material or produce homogeneous sized gas bubbles in the final gel, with at least one high-density material to increase the density of the product so it sinks easily in water and water.

IPC 8 full level

C06B 47/00 (2006.01); **C06B 23/00** (2006.01)

CPC (source: EP)

C06B 23/001 (2013.01); **C06B 23/002** (2013.01); **C06B 47/00** (2013.01)

Citation (search report)

- [IA] GB 2061250 A 19810513 - ICI LTD
- [IA] US 3730789 A 19730501 - MUELLER K, et al
- See references of WO 2020085986A1

Designated contracting state (EPC)

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WO 2020085986 A1 20200430; **WO 2020085986 A8 20200522**; AU 2019365614 A1 20210610; AU 2019365614 B2 20221027; EP 3870557 A1 20210901; EP 3870557 A4 20220824

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