

Title (en)

COMPOSITION FOR FORMING A HYDROGEN PEROXIDE BASED EMULSION EXPLOSIVE

Title (de)

ZUSAMMENSETZUNG ZUR FORMUNG EINES WASSERSTOFFPEROXIDBASIERTEN EMULSIONSSPRENGSTOFFS

Title (fr)

COMPOSITION DE FORMATION D'UN EXPLOSIF EN ÉMULSION À BASE DE PEROXYDE D'HYDROGÈNE

Publication

EP 4086237 A1 20221109 (EN)

Application

EP 21172313 A 20210505

Priority

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Abstract (en)

A composition for forming a hydrogen peroxide-based emulsion explosive which composition comprises; an oxidizer-phase comprising at least 15% by weight of hydrogen peroxide and at least 15% by weight of water, a fuel-phase comprising at least one oil type fuel, an emulsifier and at least one finely divided solid adsorbent, wherein the oxidizer-phase is discontinuously dispersed throughout the continuous fuel-phase. A method of preparing an emulsion type explosive composition is also disclosed.

IPC 8 full level

C06B 47/14 (2006.01); **C06B 23/00** (2006.01)

CPC (source: EP US)

C06B 23/006 (2013.01 - EP US); **C06B 47/145** (2013.01 - EP US)

Citation (applicant)

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- US 8802613 B2 20140812 - BONISLAWSKI DAVID J [US], et al
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Citation (search report)

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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

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KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 21172313 A 20210505; AU 2022268594 A 20220504; CA 3217755 A 20220504; CL 2023003266 A 20231103; EP 2022062007 W 20220504; EP 22727840 A 20220504; US 202218289140 A 20220504; ZA 202311166 A 20231204