

Title (en)

PROCESS AND APPARATUS FOR STORING LIQUID EXPLOSIVES IN THE FORM OF A WATER EMULSION

Publication

EP 0269998 A3 19911030 (DE)

Application

EP 87117454 A 19871126

Priority

DE 3641207 A 19861203

Abstract (en)

[origin: US4767476A] A container for the temporary storage of an emulsion of explosive and water consisting of two chambers that communicate through a gap at the floor and into which water is introduced into up to a prescribed level. One chamber of the container accommodates an agitator, and explosive or an emulsion of explosive and water is introduced into that chamber with constant circulation. The other chamber of the container has an opening at the bottom for removing emulsion that has been concentrated to a predetermined strength and has a water-supply line at the top.

IPC 1-7

C06B 21/00; **B01F 3/08**

IPC 8 full level

B01F 3/08 (2006.01); **C06B 21/00** (2006.01); **B01F 7/00** (2006.01)

CPC (source: EP US)

B01F 23/41 (2022.01 - EP US); **B01F 23/43** (2022.01 - EP US); **C06B 21/00** (2013.01 - EP US); **B01F 27/00** (2022.01 - EP US); **B01F 2101/34** (2022.01 - EP US)

Citation (search report)

- [A] GB 1131779 A 19681030 - DYNAMIT NOBEL AG
- [A] GB 1003856 A 19650908 - WASAGCHEMIE AG
- [A] GB 2174012 A 19861029 - EKATO IND ANLAGEN VERWALT
- [A] GB 438218 A 19351113 - WILLIAM MACCORMAC BURDEN, et al

Cited by

US5353068A; WO9818545A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

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EP 0269998 A2 19880608; **EP 0269998 A3 19911030**; DE 3641207 A1 19880616; DE 3641207 C2 19950810; US 4767476 A 19880830

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