

Title (en)  
METHOD AND DEVICE FOR THE RECOVERING, FROM SUSPENSIONS CONTAINING EXPLOSIVE CHARGES, SAID EXPLOSIVE CHARGES, DRY

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR RÜCKGEWINNUNG VON EXPLOSIVEN LADUNGEN AUS SUSPENSIONEN MIT DIESEN EXPLOSIVEN LADUNGEN IN TROCKENEM ZUSTAND

Title (fr)  
PROCÉDÉ ET DISPOSITIF POUR LA RÉCUPÉRATION, A PARTIR DE SUSPENSIONS RENFERMANT DES CHARGES EXPLOSIVES, DESDITES CHARGES EXPLOSIVES, SÈCHES.

Publication  
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Application  
**EP 15717040 A 20150327**

Priority  
• FR 1400760 A 20140328  
• FR 2015050790 W 20150327

Abstract (en)  
[origin: WO2015145088A1] The present invention relates to a method for obtaining, from a suspension (S) of a granular explosive charge (C) in a liquid (L), said explosive charge (C) in dry granular form as well as a device suitable for implementing said method. Said method comprises:  
a) filtering said suspension (S), by passing same through a static filter (1) in order to obtain, on said filter (1), a cake (2) containing said granular explosive charge (C) agglomerated by residual liquid; b) dewatering said cake (2) by subjecting said cake (2) to pressurized gas (G); c) splitting the dewatered cake (20) and obtaining a fluidized bed (5) of the desired explosive charge (C), in dry granular form, by exposing said dewatered cake (20) to at least one stream (4) of gas (G'); said at least one stream (4) of gas (G) being injected, under said dewatered cake (20) to impinge said dewatered cake (2'), according to two consecutive modes and said gas (G') having a humidity level below that of the dewatered cake (20) and a dew point temperature higher than the injection temperature thereof; and d) stopping at least one stream (4) of gas (G) and recovering said explosive charge (C) in dry, granular form.

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Cited by  
CN110849080A; CN110494200A; US11549871B2

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