

Title (en)  
DETONATOR-SENSITIVE ASSEMBLED BOOSTER CHARGES FOR USE IN BLASTING ENGINEERING AND THE USE THEREOF

Title (de)  
SPRENGKAPSELEMPFINDLICHE KONFEKTIONIERTER INITIIERUNGSLADUNGEN FÜR SPRENGTECHNISCHE ANWENDUNGEN UND DEREN VERWENDUNG

Title (fr)  
CHARGES D'AMORÇAGE CONFECTIONNÉES SENSIBLES AU DÉTONATEUR POUR APPLICATIONS EN TECHNIQUE DES EXPLOSIFS ET LEUR UTILISATION

Publication  
**EP 2920134 A2 20150923 (DE)**

Application  
**EP 13802260 A 20131112**

Priority  
• DE 102012110955 A 20121114  
• EP 2013073658 W 20131112

Abstract (en)  
[origin: WO2014076099A2] The invention relates to detonator-sensitive assembled booster charges for use in blasting engineering. The booster charge comprises nitroalkane and a cavity-forming agent.

IPC 8 full level  
**C06B 23/00** (2006.01); **C06B 25/34** (2006.01); **C06B 25/36** (2006.01); **C06C 7/00** (2006.01); **F42D 3/00** (2006.01)

CPC (source: EP US)  
**C06B 23/003** (2013.01 - EP US); **C06B 25/34** (2013.01 - US); **C06B 25/36** (2013.01 - EP US); **C06C 7/00** (2013.01 - EP US); **F42D 3/00** (2013.01 - US)

Citation (search report)  
See references of WO 2014076099A2

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102012110955 A1 20140515; DE 102012110955 A8 20140911; DE 102012110955 B4 20161215**; AU 2013346947 A1 20170427; AU 2013346947 B2 20170615; DK 2920134 T3 20170501; EP 2920134 A2 20150923; EP 2920134 B1 20170201; ES 2624300 T3 20170713; HR P20170639 T1 20170811; HU E032763 T2 20171030; LT 2920134 T 20170725; PL 2920134 T3 20170831; PT 2920134 T 20170512; RS 55867 B1 20170831; SI 2920134 T1 20170831; US 10227266 B2 20190312; US 2016052835 A1 20160225; US 2019210937 A1 20190711; WO 2014076099 A2 20140522; WO 2014076099 A3 20140731

DOCDB simple family (application)  
**DE 102012110955 A 20121114**; AU 2013346947 A 20131112; DK 13802260 T 20131112; EP 13802260 A 20131112; EP 2013073658 W 20131112; ES 13802260 T 20131112; HR P20170639 T 20170424; HU E13802260 A 20131112; LT 13802260 T 20131112; PL 13802260 T 20131112; PT 13802260 T 20131112; RS P20170409 A 20131112; SI 201330613 T 20131112; US 201314442197 A 20131112; US 201916298502 A 20190311