

Title (en)
PROCESS FOR THE PRODUCTION OF AN EXPLOSIVE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES SPRENGSTOFFS

Title (fr)
PROCEDE DE FABRICATION D'UN EXPLOSIF

Publication
EP 2480519 A1 20120801 (EN)

Application
EP 10765500 A 20100916

Priority
• ZA 200906668 A 20090923
• IB 2010054181 W 20100916

Abstract (en)
[origin: WO2011036611A1] The invention relates to a process for producing an ammonium nitrate/fuel oil explosive. The process includes forming an emulsion by admixing an oil with water. Ozone is then introduced into the emulsion to obtain an ozonated emulsion. The ozonated emulsion is admixed with solid particulate ammonium nitrate such that the emulsion is absorbed into the ammonium nitrate. An ammonium nitrate/fuel oil explosive is thereby formed.

IPC 8 full level
C06B 23/00 (2006.01); **C06B 31/28** (2006.01); **C06B 47/14** (2006.01)

CPC (source: EP)
C06B 23/006 (2013.01); **C06B 31/285** (2013.01); **C06B 47/145** (2013.01)

Citation (search report)
See references of WO 2011036611A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011036611 A1 20110331; AP 2012006175 A0 20120430; AP 3055 A 20141231; AR 081511 A1 20121003; AU 2010299537 A1 20120419; AU 2010299537 B2 20140123; CA 2774606 A1 20110331; CL 2012000712 A1 20120831; DK 2480519 T3 20140203; EP 2480519 A1 20120801; EP 2480519 B1 20131023; ES 2436189 T3 20131227; HR P20131099 T1 20131220; MA 33684 B1 20121001; PE 20110378 A1 20110714; PL 2480519 T3 20140331; PT 2480519 E 20131125; ZA 201006760 B 20110629

DOCDB simple family (application)
IB 2010054181 W 20100916; AP 2012006175 A 20100916; AR P100103452 A 20100922; AU 2010299537 A 20100916; CA 2774606 A 20100916; CL 2012000712 A 20120322; DK 10765500 T 20100916; EP 10765500 A 20100916; ES 10765500 T 20100916; HR P20131099 T 20131119; MA 34791 A 20120419; PE 2010000583 A 20100921; PL 10765500 T 20100916; PT 10765500 T 20100916; ZA 201006760 A 20100921