

Title (en)  
EXPLOSIVE

Title (de)  
SPRENGSTOFF

Title (fr)  
EXPLOSIF

Publication  
**EP 1457474 A4 20060809 (EN)**

Application  
**EP 02790802 A 20021218**

Priority  
• JP 0213222 W 20021218  
• JP 2001387662 A 20011220

Abstract (en)  
[origin: EP1457474A1] A water-in-oil emulsion explosive characterized by containing an ethylene vinyl acetate copolymer. It has excellent long-term stability. Even when stored under a load for as long as about one year, the explosive is less apt to suffer a decrease in explosive performance and coagulates only slightly in such a degree that it comes to have weakly coherent partial coagulates which can be easily disaggregated. Even after long-term storage, charging with the explosive can be easily conducted with a charger. Since the explosive has excellent water resistance, it is suitable also for blasting in a water hole.

IPC 8 full level  
**C06B 47/14** (2006.01); **C06B 23/00** (2006.01); **C06B 45/00** (2006.01)

CPC (source: EP KR US)  
**C06B 45/10** (2013.01 - KR); **C06B 47/145** (2013.01 - EP US)

Citation (search report)  
• [X] US 4470855 A 19840911 - BAMPFIELD HOWARD A [CA]  
• [X] EP 0252580 A2 19880113 - ICI PLC [GB], et al  
• [X] US 4722757 A 19880202 - COOPER JOHN [GB], et al  
• See references of WO 03053884A1

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**EP 1457474 A1 20040915; EP 1457474 A4 20060809**; AU 2002366768 A1 20030709; CA 2470861 A1 20030703; CN 1291952 C 20061227; CN 1606537 A 20050413; KR 100824932 B1 20080428; KR 20040075008 A 20040826; TW 200301236 A 20030701; TW I289547 B 20071111; US 2005155682 A1 20050721; WO 03053884 A1 20030703

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**EP 02790802 A 20021218**; AU 2002366768 A 20021218; CA 2470861 A 20021218; CN 02825439 A 20021218; JP 0213222 W 20021218; KR 20047009463 A 20021218; TW 91136615 A 20021219; US 49905304 A 20040616