

Title (en)  
CAST EXPLOSIVE COMPOSITION

Publication  
**EP 0159171 B1 19900103 (EN)**

Application  
**EP 85302438 A 19850404**

Priority  
• US 59741584 A 19840405  
• US 59741684 A 19840405

Abstract (en)  
[origin: EP0159171A1] A cast explosive composition is described having a high density, energy and critical diameter and comprising inorganic oxidizer salt, a water-immiscible organic liquid fuel, less than about 5% water, and an emulsifier which allows formation of a water-in-oil emulsion at an elevated formulation temperature but which also allows the emulsion to weaken and the inorganic oxidizer salt to crystallize at lower or ambient temperatures to produce a cast composition. A preferred emulsifier is an alkylammonium salt having a chain length of from 14 to 18 carbon atoms.

IPC 1-7  
**C06B 47/14**

IPC 8 full level  
**C06B 47/14** (2006.01)

CPC (source: EP)  
**C06B 47/145** (2013.01)

Citation (examination)  
EP 0152060 A1 19850821 - MEGABAR EXPLOSIVES CORP [US]

Cited by  
EP0250224A3; GB2230770A; GB2243827A; GB2243827B; EP0662464A1; US5567911A; AU619099B2; EP0968985A1; FR2780726A1

Designated contracting state (EPC)  
AT CH DE FR GB LI SE

DOCDB simple family (publication)  
**EP 0159171 A1 19851023; EP 0159171 B1 19900103**; AU 4027985 A 19851010; AU 584884 B2 19890608; BR 8501551 A 19851126; CA 1220943 A 19870428; DE 3575126 D1 19900208; IL 74673 A0 19850630; IL 74673 A 19890910; JP H0641397 B2 19940601; JP S60231484 A 19851118; NO 162066 B 19890724; NO 162066 C 19891101; NO 851240 L 19851007

DOCDB simple family (application)  
**EP 85302438 A 19850404**; AU 4027985 A 19850322; BR 8501551 A 19850403; CA 476932 A 19850319; DE 3575126 T 19850404; IL 7467385 A 19850321; JP 7013385 A 19850404; NO 851240 A 19850327