

⑫

**EUROPEAN PATENT APPLICATION**

⑰ Application number: **83303340.0**

⑤① Int. Cl.<sup>4</sup>: **C 06 B 45/00**

⑳ Date of filing: **09.06.83**

③① Priority: **11.06.82 AU 4411/82**

⑦① Applicant: **ICI AUSTRALIA LIMITED, ICI**  
**House 1 Nicholson Street P.O.Box 4311, Melbourne**  
**Victoria 3001 (AU)**

④③ Date of publication of application: **28.12.83**  
**Bulletin 83/52**

⑦② Inventor: **Mitchell, Kenneth Andrew William, 5 Kristine**  
**Court, Cheltenham Victoria, 3192 (AU)**

⑧④ Designated Contracting States: **AT CH DE FR LI SE**

⑧⑧ Date of deferred publication of search  
report: **03.04.85 Bulletin 85/14**

⑦④ Representative: **Reid, Thomas James et al, Imperial**  
**Chemical Industries PLC Legal Department: Patents Po**  
**Box 6, Welwyn Garden City Herts, AL7 1HD (GB)**

⑤④ **A water-in-oil emulsion explosive composition and a process for the preparation thereof.**

⑤⑦ This invention concerns a water-in-oil emulsion explosive composition which comprises a discontinuous aqueous phase containing one or more oxygen-releasing salts, a continuous water-immiscible organic phase comprising sump oil, and an emulsifying agent. The explosive compositions show improved sensitivity over conventional compositions made using paraffin oil as the organic phase.

**EP 0 097 030 A3**



European Patent  
Office

## EUROPEAN SEARCH REPORT

0097030  
Application number

EP 83 30 3340

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
X	US-A-4 111 727 (R.B. CLAY) * Claims 1,7-10,14; column 8, lines 3-47 *	1-8	C 06 B 45/00
D,A	--- US-A-3 447 978 (H.F. BLUHM) * Claims 1,2; examples 6,8 * -----	9-10	
			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			C 06 B 45/00 C 06 B 47/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21-11-1984	Examiner KESTEN W.G.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	