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**C 06 B 47/00**

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54 **Explosive composition.**

57 The invention relates to an emulsion explosive composition comprising a discontinuous phase comprising at least one oxygen-releasing salt; a continuous organic phase; an emulsifying agent; and at least one polymer soluble in the organic phase and wherein the polymer comprises associative functional groups.

The explosive is especially advantageous for use in wet boreholes.



| 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. 4) |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DE-A-3 329 064 (NITRO NOBEL AB)<br>* Claims; page 8, line 34 - page 9,<br>line 14; page 10, line 31 - page 11,<br>line 5; page 15 * | 10                                             | C 06 B 47/14<br>C 06 B 47/00                   |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ---                                                                                                                                 | 1-3,9                                          |                                                |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GB-A-1 037 619 (ATLAS CHEMICAL<br>INDUSTRIES)<br>* Claims; page 7, lines 30-72; page 7,<br>lines 93-125 *                           | 1-3,8,9                                        |                                                |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EP-A-0 067 520 (AECI LTD)<br>* Claims; page 4, lines 1-9; page 5,<br>lines 11-26; pages 10-11 *                                     | 10                                             |                                                |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ---                                                                                                                                 | 1-3,9                                          |                                                |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EP-A-0 123 388 (C-I-L- INC.)<br>* Claims *                                                                                          | 1                                              |                                                |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GB-A-2 138 800 (NIPPON KAYAKU K.K.)<br>* Claims; page 2, lines 45-46 *                                                              | 1-3,9                                          | TECHNICAL FIELDS<br>SEARCHED (Int. Cl.4)       |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-A-4 525 225 (M. CECHANSKI)<br>-----                                                                                              |                                                | C 06 B                                         |
| The present search report has been drawn up for all claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                     |                                                |                                                |
| Place of search<br>THE HAGUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                     | Date of completion of the search<br>10-05-1989 | Examiner<br>SCHUT, R. J.                       |
| <p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>.....<br/>&amp; : member of the same patent family, corresponding document</p> |                                                                                                                                     |                                                |                                                |