

Title (en)

Emulsion-containing explosive compositions.

Title (de)

Emulsionshaltige explosive Zusammensetzungen.

Title (fr)

Compositions explosives contenant une émulsion.

Publication

EP 0221701 A1 19870513 (EN)

Application

EP 86307930 A 19861014

Priority

US 78744285 A 19851015

Abstract (en)

In emulsion blend explosives, the replacement of coarse salt particles, e.g., prills, by fines, i.e., particles which pass a No. 50 U.S. sieve, increases the water resistance of the explosive without deleteriously affecting its shelf life provided that the explosive, prior to such replacement, is storage-stable as determined by the Salt Extraction and lead compression tests described herein. Products containing a combination of whole and crushed ammonium nitrate prills, and emulsions made with an anionic emulsifying agent such as a fatty acid salt, are preferred. Depending on the fines content and chemical composition, other properties such as sensitivity to initiation and detonation velocity also may be improved.

IPC 1-7

C06B 47/00; C06B 47/14

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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