

Title (en)
W/O EMULSION EXPLOSIVE COMPOSITION.

Title (de)
WASSER-IN-ÖL-EMULSION-SPRENGSTOFFZUSAMMENSETZUNG.

Title (fr)
EMULSION HUILEUSE EXPLOSIVE.

Publication
EP 0598115 A4 19930118 (EN)

Application
EP 90912461 A 19900822

Priority
• JP 9001068 W 19900822
• JP 20552290 A 19900801
• JP 21665689 A 19890823

Abstract (en)
[origin: WO9102706A1] A W/O emulsion explosive composition having a high explosion energy especially in water, which comprises a continuous phase comprising a carbonaceous fuel component, a disperse phase comprising an aqueous solution of an inorganic oxoacid salt, an emulsifying agent, an organic foam retaining agent, and aluminum powder.

IPC 1-7
C06B 47/14

IPC 8 full level
C06B 47/14 (2006.01)

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

Citation (search report)
• [A] EP 0305104 A2 19890301 - NIPPON OILS & FATS CO LTD [JP]
• [A] EP 0237274 A2 19870916 - NIPPON OILS & FATS CO LTD [JP]
• [A] EP 0142271 A1 19850522 - NIPPON OILS & FATS CO LTD [JP]
• [A] US 3151009 A 19640929 - TOULMIN JR HARRY A
• [A] GB 2132998 A 19840718 - AECI LTD
• [A] US 4274894 A 19810623 - MCNEELY WRAY G, et al
• See references of WO 9102706A1

Cited by
CN103130590A; FR3021313A1; EP0970934A1; EP0968985A1; FR2780726A1; US9573857B2

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

DOCDB simple family (publication)
WO 9102706 A1 19910307; CA 2065848 A1 19910224; CA 2065848 C 19991214; DE 69032230 D1 19980514; DE 69032230 T2 19980806; EP 0598115 A1 19940525; EP 0598115 A4 19930118; EP 0598115 B1 19980408

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