

Title (en)  
RHEOLOGY MODIFICATION AND MODIFIERS

Title (de)  
RHEOLOGIEÄNDERUNG UND RHEOLOGIEMODIFIZIERMITTEL

Title (fr)  
MODIFICATION ET MODIFICATEURS DE RHEOLOGIE

Publication  
**EP 1001917 B1 20041110 (EN)**

Application  
**EP 98920397 A 19980515**

Priority  
• AU 9800353 W 19980515  
• AU PO679297 A 19970515

Abstract (en)  
[origin: WO9851645A1] We have now found that associative thickeners may be used in emulsions for use in explosive compositions, which associative thickeners provide for rapid and reversible changes in emulsion viscosity. Associative thickeners provide explosives emulsions having the desirable characteristics of (1) significant reduction in viscosity during pumping and (2) reestablishment of relatively high viscosity when pumping is terminated without damage to the emulsion components. It is believed that the associative thickener provides a network of physical linkages throughout the emulsion which network can be reversibly broken down.

IPC 1-7  
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IPC 8 full level  
**C06B 23/00** (2006.01); **C06B 47/14** (2006.01)

CPC (source: EP KR)  
**C06B 23/001** (2013.01 - EP); **C06B 45/00** (2013.01 - KR); **C06B 47/145** (2013.01 - EP)

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**WO 9851645 A1 19981119**; AP 9901706 A0 19991231; AT E282015 T1 20041115; AU PO679297 A0 19970605; BR 9809801 A 20000627; CA 2289749 A1 19981119; CA 2289749 C 20110927; CN 1255911 A 20000607; DE 69827498 D1 20041216; DE 69827498 T2 20051110; EP 1001917 A1 20000524; EP 1001917 A4 20000524; EP 1001917 B1 20041110; JP 2001524065 A 20011127; KR 20010012599 A 20010215; NO 995560 D0 19991112; NO 995560 L 20000111; NZ 500909 A 20010629; ZA 984130 B 19981120

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