

Title (en)

Low-density water-gel explosive composition, production and use thereof

Title (de)

Wasserhaltige, gelförmige Sprengstoffzusammensetzung mit niedriger Dichte, Herstellung und deren Verwendung

Title (fr)

Composition basse densité d'explosif sous forme de gel aqueux, production et utilisation

Publication

EP 0568387 B1 19980715 (EN)

Application

EP 93303408 A 19930430

Priority

US 87713392 A 19920501

Abstract (en)

[origin: EP0568387A1] Inter alia, a low-density water-gel explosive composition characterised in that it comprises a continuous phase of aqueous inorganic oxidizer salt solution, a thickening agent, optionally a cross-linking agent, fuel and density-reducing agent in an amount sufficient to reduce the density of the composition to less than 0.8 g/cc is disclosed. The composition has good water-resistance and is especially useful in blasting applications calling for lower energy explosives.

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CPC (source: EP)

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