

Title (en)  
Fuel components for an explosive substance and method for its manufacture

Title (de)  
Brennstoffkomponente für einen Explosivstoff sowie Verfahren zu dessen Herstellung

Title (fr)  
Composants de combustible pour une matière explosive et son procédé de fabrication

Publication  
**EP 1992675 A1 20081119 (DE)**

Application  
**EP 07009414 A 20070510**

Priority  
EP 07009414 A 20070510

Abstract (en)  
Explosive material production involves providing a fuel base component from a hydrocarbon in a molecular dispersion structure, in which the molecules of the hydrocarbon are present in bulk shape. Volume of the fuel base component is extended by enlarging the free space volume of the molecular dispersion structure, and obtained volume-extended molecular dispersion structure is adjusted. The fuel base component is mixed with a liquid alcohol for volume extension, and the alcohol of the fuel base component is desorbed. An independent claim is also included for a method for explosion, which involves mixing combustible matter with an oxidizing agent.

Abstract (de)  
Die Erfindung betrifft eine Brennstoffkomponente für einen Explosivstoff, wobei die Brennstoffkomponente einen volumenerweiterten molekulardispersen Kohlenwasserstoff aufweist, sowie ein Verfahren zu dessen Herstellung. Ferner betrifft die Erfindung einen Explosivstoff, gebildet aus der Brennstoffkomponente mit einem Oxidationsmittel, einen mit dem Explosivstoff gefüllten Sprengkörper sowie ein Explosionsverfahren.

IPC 8 full level  
**C10L 9/00** (2006.01); **C06B 43/00** (2006.01); **C10L 9/10** (2006.01)

CPC (source: EP US)  
**C06B 21/0091** (2013.01 - EP US); **C06B 43/00** (2013.01 - EP US); **C06B 45/00** (2013.01 - EP US); **C10L 7/02** (2013.01 - EP US); **C10L 7/04** (2013.01 - EP US); **C10L 1/1608** (2013.01 - EP US); **C10L 1/1824** (2013.01 - EP US); **C10L 1/1963** (2013.01 - EP US)

Citation (search report)

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