

Title (en)

METHOD FOR PRODUCING AND USING AN EXPLOSIVE SUBSTANCE MIXTURE CONTAINING FUEL

Title (de)

VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG EINER BRENNSTOFFHALTIGEN EXPLOSIVSTOFFABMISCHUNG

Title (fr)

PROCÉDÉ DE FABRICATION ET UTILISATION D'UN MÉLANGE DE SUBSTANCES EXPLOSIVES CONTENANT DU COMBUSTIBLE

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Application

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Abstract (en)

[origin: WO2011154089A1] The invention relates to a method for producing a mechanical explosive substance mixture which is to be processed using pressing techniques and which consists of a granular fuel or a granular pyrotechnic mixture, a desensitised explosive agent and graphite. The method is safe, efficient, flexible and cost-effective and thus makes it possible to provide fuel-containing explosive substance mixtures in wide composition ranges for use in infantry ammunition such as hand grenades or ammunition for man-portable mortars. The granular fuel or granular pyrotechnic mixture is produced separately in a fluidised bed process or a multi-stage kneading, granulating and fabricating process, is fractionated to a grain size of 0.2 mm to 0.8 mm and, adding graphite, is then mixed mechanically with available grades of desensitised explosive agents and processed using pressing techniques.

IPC 8 full level

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