

Title (en)
Insensitive munition propellants

Title (de)
Unempfindliche Munitionstreibmittel

Title (fr)
Propulseurs de munitions insensibles

Publication
EP 2784054 A1 20141001 (EN)

Application
EP 13275082 A 20130327

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Abstract (en)
The invention relates to Insensitive Munition (IM) energetic materials particularly IM propellant compositions, and yet further to nitrocellulose-free IM propellants. An energetic composition suitable for use as a propellant comprises the following components in the following relative proportions: component A; from 5% to 25% by weight of an IM energetic filler; component B: from 50% to 80% by weight of a highly energetic filler comprising at least one nitramine compound; component C of from 5% to 20% by weight of a binder; and component D of from 3% to 15% by weight of a plasticiser; the percentages by weight of components A, B, C and D together with minor additives, if any, adding to 100%.

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Citation (applicant)
GB 2371297 A 20020724 - ROYAL ORDNANCE PLC [GB]

Citation (search report)
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