

Title (en)

COMPOSITE PYROTECHNICAL PRODUCT WITH NON-CROSSLINKED BINDER AND METHOD FOR PREPARING SAME

Title (de)

PYROTECHNISCHES ZUSAMMENGESETZTES PRODUKT MIT UNVERNETZTEM BINDEMITTEL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

PRODUIT PYROTECHNIQUE COMPOSITE A LIANT NON RETICULE ET SON PROCEDE DE PREPARATION

Publication

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Application

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Abstract (en)

[origin: WO2015075327A1] The present invention relates to composite pyrotechnical products, in particular to propellant powders for barrelled weapons, in which the composition, expressed in weight percentages, includes: 78 % to 90 %, advantageously 80 % to 86 %, of organic energy loads; and 10 % to 22 % of a polymer gum, selected among the polyurethane-polyester gums, the polyurethane-polyether gums and the mixtures thereof, in which the average molecular weight by number is higher than 20,000 g/mol and in which the Mooney viscosity is from 20 to 70 ML (5 + 4) at 100 °C. The invention also relates to the method for obtaining said products. Said products are particularly useful given the properties thereof and how easily they can be obtained.

IPC 8 full level

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