

Title (en)  
PYROTECHNIC IGNITING AGENT

Title (de)  
PYROTECHNISCHES ANZÜNDMITTEL

Title (fr)  
MOYEN D'ALLUMAGE PYROTECHNIQUE

Publication  
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Application  
**EP 15734332 A 20150629**

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Abstract (en)  
[origin: WO2016001161A1] The present invention relates to a pyrotechnic igniting agent, which contains basic salts of 5,5'-azotetrazole having the general empirical formula:  $Mm^{+} n (C_2N_{10} 2^{-}) p (CO_3 2^{-}) q (OH^{-}) r$ , wherein: M is an element of the 3rd to 12th group of the periodic table having an atomic number in the range of 21-80,  $(C_2N_{10} 2^{-})$  is an azotetrazolate dianion having the structure (AA), m is the valence of the cation, n is an integer from 1 to 6, p is an integer from 1 to 4, q is an integer from 0 to 8, r is an integer from 0 to 4, and  $q + r \neq 0$ , wherein the fraction of the basic azotetrazolate component is 30 to 100 wt% and 0 to 70 wt% of an additive or mixtures of a plurality of additives is contained.

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