

Title (en)
GAS-GENERATING PYROTECHNIC SOLID OBJECTS

Title (de)
GASERZEUGENDE PYROTECHNISCHE FESTE OBJEKTE

Title (fr)
OBJETS SOLIDES PYROTECHNIQUES GÉNÉRATEURS DE GAZ

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Application
EP 17829259 A 20171220

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Abstract (en)
[origin: WO2018115735A1] The present invention relates to gas-generating pyrotechnic solid objects, the composition of which, free of binder and of explosive ingredient, expressed as percentages by weight, contains: from 35% to 50%, advantageously from 40% to 50%, of guanidine nitrate, from 35% to 50% of basic copper nitrate, from 0.5% to 6% of at least one compound chosen from alumina and inorganic titanates, the melting point of which is above 2100 K, and from 5% to 18% of at least one inorganic oxalate chosen from sodium oxalate, tin oxalate, strontium oxalate, iron oxalate, copper oxalate and mixtures thereof. Said objects are perfectly suitable for use in frontal airbags.

IPC 8 full level
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