

Title (en)

Pyrotechnic decoy material for infra-red decoys

Title (de)

Pyrotechnische Scheinzielwirkmasse für Infrarotscheinziele

Title (fr)

Masse active à cible pyrotechnique pour cibles à rayonnement infrarouge

Publication

EP 2468700 B1 20210929 (DE)

Application

EP 11009508 A 20111201

Priority

DE 102010053694 A 20101208

Abstract (en)

[origin: EP2468700A2] Pyrotechnic target active mass comprises a first particle comprising a first fuel, a second particle comprising the first fuel or a second fuel, an oxidant for the first fuel and a binder, where the first fuel comprises at least one metal, the second fuel at least one metal or the second particles exist in the second fuel, and the first fuel and the oxidant after ignition can react with each other in an exothermic reaction with the release of infrared radiation. Pyrotechnic target active mass comprises first particle comprising a first fuel, a second particle comprising the first fuel or a second fuel, an oxidant for the first fuel and a binder, where the first fuel comprises at least one metal, the second fuel at least one metal or the second particles exist in the second fuel, the first fuel and the oxidant after ignition can react with each other in an exothermic reaction with the release of infrared radiation, the second particles are ignited by a reaction and released from the target active mass, the first particles are smaller than the second particles or designed in such a way that, after ignition of the active mass, it burns in air much faster than the second particles and the second particles are designed in such a way that they burn for at least 10 ms in air.

IPC 8 full level

C06C 15/00 (2006.01); **C06B 27/00** (2006.01); **C06B 45/02** (2006.01); **F41J 2/02** (2006.01); **F42B 4/26** (2006.01)

CPC (source: EP)

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Cited by

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