

Title (en)

PROCESS FOR IMPROVING THE PRESSURE DEPENDENCE OF THE COMBUSTION OF SOLID-GRAINS OR FIREARMS PROPELLANTS,
AND THEIR APPLICATION AS COMPONENTS OF SOLID-GRAINS OR FIREARMS PROPELLANTS

Publication

EP 0002466 A3 19790808 (DE)

Application

EP 78101480 A 19781130

Priority

DE 2754855 A 19771209

Abstract (en)

[origin: EP0002466A2] 1. Method for improving the pressure dependence of the burn-off behaviour of solid fuels or barrel weapon propellants which contain nitrocellulose and other monomeric or polymeric nitro or nitrate compounds, resp., as well as stabilizers and other additives as well as metals or metal compounds as burn-off influencing component, characterized in that the propellant is homogeneously distributed in a liquid and that then the metals or metal compounds are precipitated by chemical or physical precipitation on the nitrocellulose and the other solid monomeric or polymeric nitro or nitrate compounds, resp., and that thereafter the normal processing is carried out.

IPC 1-7

C06D 5/06; **C06B 45/20**

IPC 8 full level

C06B 21/00 (2006.01); **C06B 45/20** (2006.01); **C06D 5/06** (2006.01)

CPC (source: EP)

C06B 21/0008 (2013.01); **C06B 21/0083** (2013.01); **C06B 45/20** (2013.01)

Citation (search report)

- US 3140659 A 19640714 - ARTSDALEN EARL F VAN, et al
- FR 2275424 A1 19760116 - POUDRES & EXPLOSIFS STE NALE [FR]
- LU 51773 A1 19661017
- GB 1055994 A 19670125 - ELECTRIC STORAGE BATTERY CO
- US 3009796 A 19611121 - PRECKEL RALPH F
- US 3860462 A 19750114 - SAYLES DAVID C

Cited by

EP0337049A1; US4608102A

Designated contracting state (EPC)

BE DE FR GB NL SE

DOCDB simple family (publication)

EP 0002466 A2 19790627; **EP 0002466 A3 19790808**; **EP 0002466 B1 19810617**; DE 2754855 A1 19790613; DE 2754855 B1;
DE 2754855 C2 19800904; DE 2860795 D1 19810924

DOCDB simple family (application)

EP 78101480 A 19781130; DE 2754855 A 19771209; DE 2860795 T 19781130