

Title (en)

FRAGMENTABLE LOADS OF PROPELLANT POWDER COATED WITH POLYVINYL NITRATE AND PROCESS FOR PRODUCING THEM

Publication

EP 0010009 B1 19810916 (FR)

Application

EP 79400590 A 19790828

Priority

FR 7827118 A 19780921

Abstract (en)

[origin: US4326901A] The present invention relates to a new type of fragmentable charge for weapons of small and medium caliber. The process for the manufacture of fragmentable charges of propellant powder containing nitrocellulose, according to the invention, is characterized in that, in a conventional process for the manufacture of propellant powder containing nitrocellulose, with solvent, a glazing operation is carried out, in which a glazing solution containing at least polyvinyl nitrate and a stabilizer is sprayed onto the grains of powder, and in that, after evaporation of the solvent from the said solution, the grains of powder thus obtained are compressed at between about 80 DEG and 120 DEG . The invention also relates to the fragmentable charges obtained by means of this process.

IPC 1-7

C06B 21/00; **C06B 45/10**; **C06B 25/18**

IPC 8 full level

C06B 45/10 (2006.01); **C06B 45/28** (2006.01)

CPC (source: EP US)

C06B 45/105 (2013.01 - EP US); **C06B 45/28** (2013.01 - EP US)

Cited by

FR2576014A1; EP0446085A1; FR2658505A1; US11686151B2

Designated contracting state (EPC)

BE CH DE GB SE

DOCDB simple family (publication)

EP 0010009 A1 19800416; **EP 0010009 B1 19810916**; AU 5101179 A 19800327; AU 529754 B2 19830616; CA 1156839 A 19831115; DE 2960839 D1 19811203; FR 2436766 A1 19800418; FR 2436766 B1 19810227; IL 58127 A 19820831; US 4326901 A 19820427

DOCDB simple family (application)

EP 79400590 A 19790828; AU 5101179 A 19790920; CA 335797 A 19790917; DE 2960839 T 19790828; FR 7827118 A 19780921; IL 5812779 A 19790828; US 7258379 A 19790905