

Title (en)
PROPELLANT CHARGE CONTAINER

Publication
EP 0410075 A3 19920311 (DE)

Application
EP 90105422 A 19900322

Priority
DE 3924986 A 19890728

Abstract (en)
[origin: JPH0368000A] PURPOSE: To reduce the breakage and erosion of a gun barrel for combustible cartridge case material, by applying a coating or mixture composed of wax and titanium dioxide to the combustible cartridge case material. CONSTITUTION: A propelling charge-loaded module 10 is composed of an upper curved-surface plate 12 and a lower curved-surface plate 14 composed of, for example, compressed and molded nitrocellulose paper. The cylindrical internal surfaces 18 of the upper and lower curved-surface plates 12 and 14 are covered with a coating 16 composed of wax and titanium dioxide. The upper and lower curved-surface plates 12 and 14 are bonded to each other at a central coupling area 24. The bottom section 20 of the lower curved-surface plate 14 and the lid section 22 of the upper curved-surface plates respectively have annular flange sections 34 which fix tube sections 32 formed as central igniting members and are directed inward. The module 10 is loaded with powder or granular propelling charge 26. In order to load a ready-made module 10 with the propelling charge 26, the lid section 22 of the upper curved-surface plate 12 has an eccentric filling hole section 28.

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F42B 5/196; **F42B 5/24**

IPC 8 full level
F42B 5/184 (2006.01); **F42B 5/196** (2006.01); **F42B 5/24** (2006.01)

CPC (source: EP US)
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Citation (search report)

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