

Title (en)
Ignition device for propellant charges and manufacturing method for such an ignition device

Title (de)
Anzündsystem für Treibladungen und Verfahren zur Herstellung derartiger Anzündsysteme

Title (fr)
Dispositif d'allumage pour charges propulsives et procédé de fabrication d'un tel dispositif d'allumage

Publication
EP 0718591 B1 19980128 (DE)

Application
EP 95118183 A 19951118

Priority
DE 4445991 A 19941222

Abstract (en)
[origin: EP0718591A2] Ignition system for a propelling charge has a perforated supporting tube (5) of combustible material, which is coaxial around a free ignition duct (4) and has an ignition transfer charge (1) on the side towards the propelling charge powder. (I) comprises a 1-3 mm thick pyrotechnic rigid foam layer (composite rigid foam) and consists of several composite layers (8-10). The inside layer (10) has a coarsely porous (sponge) structure, whilst the layers (8,9) on either side of this have a closed cell structure. Also claimed is a method of producing the ignition system.

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F42C 19/08; C06C 9/00; C06B 45/00

IPC 8 full level
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CPC (source: EP US)
F42B 5/38 (2013.01 - EP US); **F42C 19/085** (2013.01 - EP US)

Cited by
DE102008026645A1; US8161882B2; US6415715B1; WO2024114986A1

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CH DE FR GB IT LI NL SE

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