

Title (en)

Explosive device with preformed splinters and manufacturing method therefor.

Title (de)

Explosive Ladung mit vorgeformten Splittern und Verfahren zu deren Herstellung.

Title (fr)

Dispositif explosif à éclats préfragmentés et procédé de réalisation d'un tel dispositif.

Publication

EP 0401075 A1 19901205 (FR)

Application

EP 90401282 A 19900515

Priority

FR 8907311 A 19890602

Abstract (en)

The invention relates to splinter generators with a casing prefragmented to obtain a focused cluster of splinters. It relates more particularly to the uncoupling of the splinters of a prefragmented casing, in order to prevent any welding, on the one hand between the elements limiting the explosive charge and the splinters and on the other hand between the splinters of each of the adjacent rings or turns constituting the splinter-generating casing. This welding usually limits the effectiveness of the focused cluster of splinters. The invention involves covering with a layer of a material (9) the outer periphery of a shell (6) laterally limiting the explosive charge and coating the splinter-generating casing (7) positioned on the outer periphery of the shell (6) with a layer of another or of the same material. These materials have the characteristic of possessing a mechanical impedance sufficiently different from that of the splinters to prevent the various welds caused by the shock wave which emanates from the detonation of the explosive charge. <IMAGE>

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F42B 12/32

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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