

Title (en)

PERCUSSION TIME FUZE FOR ANY DIRECTION OF IMPACT FOR FIRE ARM AMMUNITION, IN PARTICULAR FOR A GRENADE

Publication

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Application

EP 88400181 A 19880127

Priority

FR 8701071 A 19870129

Abstract (en)

[origin: EP0278837A1] The fuse comprises: - a pyrotechnic chain (201-205) put into the chain alignment position by centrifugal effect during the firing of the ammunition, - a percussion system (300) with a striker (301), a supporting member, first spring means (303), trigger means for releasing the striker and locking means, - a delay assembly (400) comprising a volume (404) of microballs which is progressively discharged under the action of a follower piston (401) and of second spring means (408). According to the invention, the trigger means comprise an annular element divided into a plurality of sectors (307), each of these sectors interacting with the supporting member of the striker by means of a ramp-shaped face (312), with at least one retaining ball (304) being interposed. This ensures not only conventional percussion by a front shock, but also percussion by a lateral effect under a high-incidence shock or the self-destruction of the ammunition. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

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