

Title (en)  
Pyrotechnic charge located within a tube

Title (de)  
Pyrotechnische Ladung in einem Rohr

Title (fr)  
Charge pyrotechnique disposée dans un tube

Publication  
**EP 0872702 A3 20000126 (DE)**

Application  
**EP 98106895 A 19980416**

Priority  
DE 19716511 A 19970419

Abstract (en)  
[origin: EP0872702A2] Practice hand grenade or fire brigade device comprises a pyrotechnic charge in a tube. The tube has a closure which opens under gas pressure. The closure (30) has at least two sections, and an outer silicone layer (21) near the tube opening (33), joins a lightweight closure (18) to the tube (3). The closure pref. consists of a foamed material, e.g. styrene.

IPC 1-7  
**F42B 8/26**; **F42B 12/36**; **F42B 4/00**

IPC 8 full level  
**F42B 4/00** (2006.01); **F42B 8/26** (2006.01); **F42B 12/36** (2006.01)

CPC (source: EP)  
**F42B 4/00** (2013.01); **F42B 8/26** (2013.01)

Citation (search report)  
• [X] DE 1969984 U 19671005 - BOCK GEB [DE]  
• [A] AT 396304 B 19930825 - OREGON ETS PATENTVERWERTUNG [LI]  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0872702 A2 19981021**; **EP 0872702 A3 20000126**; **EP 0872702 B1 20031001**; AT E251301 T1 20031015; DE 19716511 A1 19981022; DE 59809762 D1 20031106; DK 0872702 T3 20040202; NO 317408 B1 20041025; NO 981703 D0 19980416; NO 981703 L 19981020

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