

Title (en)  
PROTECTIVE CONTAINER FOR EXPLOSIVE CHARGES

Publication  
**EP 0229359 B1 19901205 (DE)**

Application  
**EP 86117729 A 19861219**

Priority  
DE 3544929 A 19851219

Abstract (en)  
[origin: US4838166A] A housing for the protection of explosive charges comprises several layers of different compositions surrounding the explosive charge. The successive layers have alternately a high and a low shock wave impedance, where further the outermost layer has the lowest melting point and the melting point increases toward the innermost layer.

IPC 1-7  
**F42B 3/00**; **F42B 39/14**

IPC 8 full level  
**F42B 3/28** (2006.01); **F42B 12/80** (2006.01)

CPC (source: EP US)  
**F42B 3/28** (2013.01 - EP US); **F42B 12/80** (2013.01 - EP US)

Cited by  
GB2242008A; GB2242008B; US10935555B2; US10656164B2; US9891233B2; EP3637105A2; US11353464B2; US7709272B2; EP2204654A1; US8114610B2; US9429580B2; US9494596B2; US9568479B2; US10422802B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**DE 3544929 C1 19870507**; EP 0229359 A1 19870722; EP 0229359 B1 19901205; US 4838166 A 19890613

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**DE 3544929 A 19851219**; EP 86117729 A 19861219; US 94161586 A 19861215