

[Abstract] [Summary] [Drawing Description] [Detailed Description] [Claims]

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# Modified channel effect for solid explosive detonation waves

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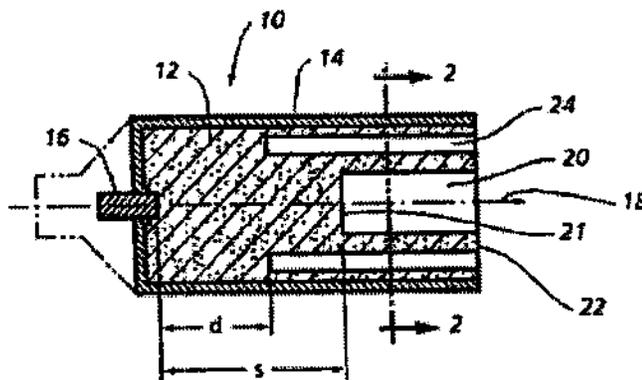
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Washington  
DC

## Abstract

The detonation wave velocity in a solid explosive body of material, increased by the "channel effect", is further increased by compounding of the "channel effect" and/or by partial shock wave interruption by means of a threaded or rifled passage wall surface in a continuous, open channel arrangement. The high velocity detonation wave can be used to increase the jet velocity of shaped charges.



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### References: