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[54] ENERGETIC MELT CAST EXPLOSIVES

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[58] Field of Search ..... 149/18, 19.5, 88, 149/19.9, 19.91

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[57] ABSTRACT

A melt cast explosive containing bis(2,2-dinitropropyl) fumarate or 2,2-dinitropropyl-4,4-dinitropentanoate and a metal fuel such as aluminum, magnesium, boron, hafnium, zirconium or alloys or mixtures thereof. An inert thermoplastic elastomer diluent may be added to improve the strength of the explosive.

18 Claims, No Drawings