

Title (en)

HOLLOW-CHARGE WAR HEAD AND MANUFACTURING METHOD THEREFOR

Publication

EP 0256382 B1 19900613 (DE)

Application

EP 87111016 A 19870730

Priority

DE 3625965 A 19860731

Abstract (en)

[origin: US4858531A] A warhead or horizontal fragmentation mine, which includes an explosive charge arranged within a housing, which is covered at the front end thereof with a concave or planar coating or cladding; and a method for producing the warhead. The coating is entirely, or at least overwhelmingly, constituted of a brittle heavy-metal or hard or carbide metal with a static fracture or breaking expansion of 15 or 25%, in which the coating is decomposed during the detonation into a large number of natural fragments or splinters of certain quantity, which spread out in a definite fragment cone or fragment wedge, and wherein the ratio of the quantity of the coating to that of explosive consists of approximately 1:0.4 to 1:0.6.

IPC 1-7

F42B 1/02; **F42B 12/10**

IPC 8 full level

F42B 1/02 (2006.01); **F42B 1/028** (2006.01); **F42B 1/032** (2006.01); **F42B 12/10** (2006.01)

CPC (source: EP US)

F42B 1/028 (2013.01 - EP US); **F42B 1/032** (2013.01 - EP US)

Cited by

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