

Title (en)  
TUNGSTEN ALLOY POWDER

Publication  
**EP 0098944 B1 19870121 (DE)**

Application  
**EP 83105070 A 19830521**

Priority  
DE 3226648 A 19820716

Abstract (en)  
[origin: US4498395A] A heterogenous powder comprising particles of tungsten grains with a diameter of less than 1  $\mu$ m with a binder sponge-like coating of at least one metal selected from the group consisting of nickel, copper, silver, iron, cobalt, molybdenum and rhenium with a particle diameter of 10 to 50  $\mu$ m, a process for the preparation thereof, method of forming sintered elements therefrom and the elements produced thereby being useful as penetrating projectiles.

IPC 1-7  
**C22C 1/04**; **B22F 9/22**; **F42B 13/06**

IPC 8 full level  
**B22F 1/00** (2006.01); **B22F 9/22** (2006.01); **C22C 1/04** (2006.01); **C22C 27/04** (2006.01); **F42B 12/06** (2006.01)

CPC (source: EP KR US)  
**B22F 1/05** (2022.01 - KR); **B22F 9/22** (2013.01 - EP KR US); **C22C 1/045** (2013.01 - EP US); **C22C 1/059** (2023.01 - KR); **C22C 27/04** (2013.01 - KR); **F42B 12/06** (2013.01 - EP KR US); **Y10T 428/12181** (2015.01 - EP US)

Citation (examination)  
Winnacker, K  chler, Chemische Technologie, Bd. 6, Metallurgie, 1973, P. 478-481 (Carl Hanser Verlag, M  nchen)

Cited by  
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Designated contracting state (EPC)  
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