

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 μm 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 μm , 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
DE3637930C1; FR2659735A1; EP0332474A1; EP0304181A1; FR2672619A1; CN100363131C; FR2784690A1; EP0204909A1; EP0183017A1; EP0326861A1; US4915733A; CN104722767A; EP3643429A1; EP0384623B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

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