



US009103024B2

(12) **United States Patent**  
**Honecker et al.**

(10) **Patent No.:** **US 9,103,024 B2**

(45) **Date of Patent:** **Aug. 11, 2015**

(54) **SODIUM / MOLYBDENUM METAL**  
**ARTICLES AND POWDER COMPACTS**

USPC ..... 419/49  
See application file for complete search history.

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(\* ) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 989 days.

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(21) Appl. No.: **13/245,066**

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(22) Filed: **Sep. 26, 2011**

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(65) **Prior Publication Data**

US 2012/0012460 A1 Jan. 19, 2012

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**Related U.S. Application Data**

(60) Division of application No. 12/392,792, filed on Feb.  
25, 2009, now Pat. No. 8,197,885, which is a  
continuation-in-part of application No. 12/013,263,  
filed on Jan. 11, 2008.

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(51) **Int. Cl.**  
**C22C 27/04** (2006.01)  
**C23C 14/34** (2006.01)  
**B22F 3/15** (2006.01)  
**C22C 1/04** (2006.01)

(57) **ABSTRACT**

A metal article formed by compacting a sodium/molybdenum  
composite metal powder under sufficient pressure to form a  
preformed article; placing the preformed article in a sealed  
container; raising the temperature of the sealed container to a  
temperature that is lower than a sintering temperature of  
molybdenum; and subjecting the sealed container to an isos-  
tatic pressure for a time sufficient to increase the density of the  
metal article to at least about 90% of theoretical density.

(52) **U.S. Cl.**  
CPC ..... **C23C 14/3414** (2013.01); **B22F 3/15**  
(2013.01); **C22C 1/045** (2013.01); **C22C 27/04**  
(2013.01); **B22F 2998/10** (2013.01)

(58) **Field of Classification Search**  
CPC ..... B22F 3/15; B22F 3/02

**20 Claims, 7 Drawing Sheets**