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(54) **METHODS FOR PRODUCING
MOLYBDENUM/MOLYBDENUM DISULFIDE
METAL ARTICLES**

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See application file for complete search history.

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(57) **ABSTRACT**

A method for producing a metal article according to one
embodiment may involve the steps of: Providing a composite
metal powder including a substantially homogeneous disper-
sion of molybdenum and molybdenum disulfide sub-particles
that are fused together to form individual particles of the
composite metal powder; and compressing the molybdenum/
molybdenum disulfide composite metal powder under suffi-
cient pressure to cause the mixture to behave as a nearly solid
mass.

20 Claims, 4 Drawing Sheets