

Title (en)

FORMING ALUMINIDE COATING USING METAL ALLOY GRAVEL

Title (de)

FORMUNG EINER ALUMINIDBESCHICHTUNG MITHILFE VON METALLLEGIERUNGSKIES

Title (fr)

FORMATION DE REVÊTEMENT EN ALUMINIURE AU MOYEN DE GRAVIER D'ALLIAGE MÉTALLIQUE

Publication

**EP 3202946 B1 20201021 (EN)**

Application

**EP 17153434 A 20170127**

Priority

US 201615016344 A 20160205

Abstract (en)

[origin: EP3202946A1] Methods are provided for coating a component 22. In one such method, the component 22 is disposed with metal alloy gravel comprising aluminum. An aluminide coating (28) is then formed on the component 22, where the aluminum from the metal alloy gravel diffuses into the component 22 to form the aluminide coating (28).

IPC 8 full level

**C23C 10/04** (2006.01); **C22F 1/04** (2006.01); **C23C 10/48** (2006.01); **C23C 10/52** (2006.01); **C23C 10/56** (2006.01); **C23C 24/08** (2006.01)

CPC (source: EP US)

**C22F 1/04** (2013.01 - EP US); **C23C 10/04** (2013.01 - EP US); **C23C 10/48** (2013.01 - EP US); **C23C 10/52** (2013.01 - EP US); **C23C 10/56** (2013.01 - EP US); **C23C 10/60** (2013.01 - US); **C23C 24/08** (2013.01 - EP US)

Citation (examination)

US 2011074113 A1 20110331 - CAVANAUGH DENNIS WILLIAM [US], et al

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