

Title (en)
METAL POWDER

Title (de)
METALLPULVER

Title (fr)
POUDRE MÉTALLIQUE

Publication
EP 3145660 A1 20170329 (EN)

Application
EP 15727906 A 20150521

Priority
• GB 201409250 A 20140523
• EP 2015061313 W 20150521

Abstract (en)
[origin: WO2015177300A1] The present invention relates to a metal powder composition for making compacted parts, the metal powder composition comprising (i) sponge iron particles or sponge iron-based particles, and (ii) a lubricant comprising at least two different fatty acid amides.

IPC 8 full level
B22F 1/10 (2022.01); **B22F 1/103** (2022.01); **C10M 169/04** (2006.01); **C22C 33/02** (2006.01)

CPC (source: CN EP KR US)
B22F 1/10 (2022.01 - CN EP KR US); **B22F 1/103** (2022.01 - CN EP KR US); **B22F 3/12** (2013.01 - KR); **B22F 3/16** (2013.01 - US); **C10M 169/04** (2013.01 - CN EP KR US); **C22C 33/02** (2013.01 - KR); **B22F 2301/10** (2013.01 - US); **B22F 2301/35** (2013.01 - US); **B22F 2302/40** (2013.01 - US); **B22F 2302/45** (2013.01 - US); **B22F 2998/10** (2013.01 - US); **C10M 2201/041** (2013.01 - CN EP KR US); **C10M 2201/05** (2013.01 - CN EP KR US); **C10M 2201/053** (2013.01 - CN EP KR US); **C10M 2215/08** (2013.01 - CN EP KR US); **C10N 2010/16** (2013.01 - CN EP US); **C10N 2050/14** (2020.05 - CN EP KR US); **C22C 33/02** (2013.01 - EP US)

C-Set (source: EP US)
EP
1. **C10M 2201/041 + C10M 2201/053**
2. **C10M 2201/053 + C10N 2010/14**
3. **C10M 2201/05 + C10N 2010/14**
4. **C10M 2201/05 + C10N 2010/12**
5. **C10M 2201/05 + C10N 2010/02**
US
1. **C10M 2201/053 + C10N 2010/14**
2. **C10M 2201/05 + C10N 2010/02**
3. **C10M 2201/05 + C10N 2010/14**
4. **C10M 2201/05 + C10N 2010/12**
5. **C10M 2201/041 + C10M 2201/053**

Citation (search report)
See references of WO 2015177300A1

Cited by
US11939646B2; US11253957B2; US12076788B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015177300 A1 20151126; BR 112016026840 B1 20210330; CA 2950583 A1 20151126; CA 2950583 C 20230307; CN 106660118 A 20170510; CN 106660118 B 20190521; EP 3145660 A1 20170329; EP 3145660 B1 20180411; ES 2674801 T3 20180704; GB 201409250 D0 20140709; JP 2017521562 A 20170803; JP 6599442 B2 20191030; KR 102357205 B1 20220127; KR 20170010825 A 20170201; PL 3145660 T3 20180928; TW 201609285 A 20160316; TW I659787 B 20190521; US 2017189959 A1 20170706

DOCDB simple family (application)
EP 2015061313 W 20150521; BR 112016026840 A 20150521; CA 2950583 A 20150521; CN 201580039964 A 20150521; EP 15727906 A 20150521; ES 15727906 T 20150521; GB 201409250 A 20140523; JP 2017513340 A 20150521; KR 20167035997 A 20150521; PL 15727906 T 20150521; TW 104116539 A 20150522; US 201515313260 A 20150521