

(19)



(11)

EP 4 635 651 A8

(12)

CORRECTED EUROPEAN PATENT APPLICATION

published in accordance with Art. 153(4) EPC

(15) Correction information:

Corrected version no 1 (W1 A1)

Corrections, see

Bibliography INID code(s) 84

(51) International Patent Classification (IPC):

B22F 9/08 (2006.01) **B33Y 70/00** (2020.01)

C22C 1/04 (2023.01) **C22C 21/00** (2006.01)

C22C 1/02 (2006.01)

(48) Corrigendum issued on:

21.01.2026 Bulletin 2026/04

(52) Cooperative Patent Classification (CPC):

(C-Sets available)

C22C 1/0416; B22F 9/082; B33Y 70/00;

C22C 21/00; B22F 2998/10 (Cont.)

(43) Date of publication:

22.10.2025 Bulletin 2025/43

(86) International application number:

PCT/RU2023/050248

(21) Application number: **23833901.4**

(87) International publication number:

WO 2024/128937 (20.06.2024 Gazette 2024/25)

(22) Date of filing: **20.10.2023**

(84) Designated Contracting States:

AL CH GB IS LI MC ME MK NO RS SM TR

Designated Extension States:

BA

Designated Validation States:

KH MA MD TN

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(30) Priority: **12.12.2022 RU 2022132368**

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(54) **ALUMINIUM MATERIAL FOR ADDITIVE MANUFACTURING AND ITEM MADE OF SAID MATERIAL**

(57) The invention relates to metallurgy, in particular to aluminum-based alloys used to produce powders for additive manufacturing, including selective laser melting. The aluminum powder alloy comprises (in wt.%): 0.3-1.5 iron, 0.35-2.6 cerium, and 0.15-0.4 titanium; 0.2-2.0 at least one element from group A comprising manganese, lanthanum and yttrium (in total or individually); 0.6-1.5 at

least one element from group B comprising zirconium, vanadium, chromium, hafnium and scandium (in total or individually); optionally: 3-60 ppm hydrogen and 1.5-4.5 magnesium; and aluminum and unavoidable impurities, including 0.2 max. silicon, 0.05 max. copper and 0.05 max. zinc.

EP 4 635 651 A8

(52) Cooperative Patent Classification (CPC): (Cont.)

C-Sets

B22F 2998/10, C22C 1/0416, B22F 9/082,
B22F 10/25