

Title (en)

IMPROVED COUNTER-FORM FOR THE MANUFACTURE OF A METAL AERONAUTICAL PART

Title (de)

VERBESSERTE GEGENFORM ZUR HERSTELLUNG EINES AERONAUTISCHEN METALLTEILS

Title (fr)

CONTRE-FORME AMÉLIORÉE POUR LA FABRICATION DE PIÈCE AÉRONAUTIQUE MÉTALLIQUE

Publication

**EP 4370262 A1 20240522 (FR)**

Application

**EP 22755244 A 20220708**

Priority

- FR 2107728 A 20210716
- FR 2022051385 W 20220708

Abstract (en)

[origin: WO2023285758A1] Disclosed is a counter-form (1) for producing metal aeronautical parts, in particular a turbine part, by solid-phase densification, comprising a composite material containing, on the one hand, a first phase having formula  $Mn+1AlCn$ , where  $n = 1$  to  $3$  and  $M$  is a transition metal selected from the group consisting of titanium and/or molybdenum and/or niobium and/or chromium, and, on the other hand, a second phase having formula  $Al_4C_3$ .

IPC 8 full level

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