

Title (en)

METHOD FOR MANUFACTURING A FAN DISC WITH A PART BY ADDITIVE MANUFACTURING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER LÜFTERSCHEIBE MIT EINEM TEIL DURCH GENERATIVE FERTIGUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UN DISQUE DE SOUFFLANTE AVEC PARTIE EN FABRICATION ADDITIVE

Publication

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Application

EP 22714230 A 20220311

Priority

- FR 2102574 A 20210316
- FR 2022050451 W 20220311

Abstract (en)

[origin: WO2022195207A1] The method for manufacturing a fan disc (3) of a turbine engine (1) according to the invention is characterized in that it comprises the following steps: - a step FO of forging a first cylindrical shape (60) of axis X, - a step U of machining the first cylindrical shape (60) to obtain a second cylindrical shape (61), - a step FA of adding, by additive manufacturing, at least one relief element (33, 31, 350) to the second cylindrical shape (61).

IPC 8 full level

B22F 3/17 (2006.01); **B22F 5/00** (2006.01); **B22F 7/06** (2006.01); **B22F 7/08** (2006.01); **B22F 10/20** (2021.01); **B22F 10/22** (2021.01); **B22F 10/25** (2021.01); **B33Y 10/00** (2015.01); **B33Y 80/00** (2015.01)

CPC (source: EP US)

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C-Set (source: EP)

1. **B22F 2999/00** + **B22F 2005/005** + **B22F 10/20**
2. **B22F 2998/10** + **B22F 3/17** + **B22F 3/162** + **B22F 10/20**

Citation (search report)

See references of WO 2022195207A1

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DOCDB simple family (publication)

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