

Title (en)

IMPROVED METHOD FOR MANUFACTURING A PART BY ADDITIVE MANUFACTURING

Title (de)

VERBESSERTES VERFAHREN ZUR HERSTELLUNG EINES TEILS DURCH GENERATIVE FERTIGUNG

Title (fr)

PROCEDE AMELIORE DE FABRICATION DE PIECE PAR FABRICATION ADDITIVE

Publication

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Application

EP 22702757 A 20220111

Priority

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Abstract (en)

[origin: WO2022153004A1] The invention relates to a method for manufacturing an aeronautical part by additive manufacturing, the part to be manufactured extending around a central axis (X) and comprising at least two walls (20, 42) angled with respect to one another and connected to one another by means of at least one connection section (S) comprised in a connection plane (R) perpendicular to the central axis (X), the method comprising: - providing a digital model (1) of the part to be manufactured, - orienting the digital model (1) with respect to a vertical construction direction (Z) of the part so that the central axis (X) of the part has an angle β of between 0.1° and 1° , preferably between 0.3° and 0.8° , with respect to the construction direction (Z), - manufacturing the part by additive manufacturing from the digital model (1) obtained in the orientation step.

IPC 8 full level

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