

Title (en)

METHOD FOR PRODUCING A METAL REINFORCEMENT FOR A TURBOMACHINE BLADE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER METALLVERSTÄRKUNG FÜR EINE TURBOMASCHINENSCHAUFEL

Title (fr)

PROCÉDÉ DE RÉALISATION D'UN RENFORT MÉTALLIQUE D'AUBE DE TURBOMACHINE

Publication

**EP 3898073 A1 20211027 (FR)**

Application

**EP 19821084 A 20191218**

Priority

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Abstract (en)

[origin: WO2020127551A1] The present invention concerns a metal reinforcement for a turbomachine blade comprising an aerodynamic surface which extends between a leading edge and a trailing edge, the reinforcement comprising a base (21) forming its leading edge (20) and being extended by two lateral fins (22, 23) so as to define an inner surface capable of receiving the leading edge of the blade, the method comprising the following steps: (a) obtaining at least two parts each forming at least one of the fins of the reinforcement, each part being integral and finished, at least one of the parts being produced by machining a metallic blank; (b) assembling the parts, previously positioned on a tool (8), by a technique of fusion welding or friction stir welding in order to obtain the reinforcement.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020127551A1

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