

Title (en)

METHOD FOR MANUFACTURING A LAMINA FOR A LAMINATED CORE FOR AN ELECTRIC MACHINE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER LAMELLE FÜR EINEN LAMINIERTEN KERN FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE LAME D'UN NOYAU FEUILLETÉ D'UNE MACHINE ÉLECTRIQUE

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Application

EP 18833840 A 20181220

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Abstract (en)

[origin: WO2019120626A1] The present disclosure relates to a method for manufacturing a lamina (28) comprising web-parts (24), defining a crosspiece of reduced thickness, which lamina (28) are used in a stack of such lamina (28), such as a laminated stator core (26) of an electric machine (10). According to the present disclosure, the lamina (28) is manufactured in at least three steps of: - first punching a hole in a basic material to at least one, but preferably to both sides of the crosspiece of the lamina (28) to be formed; - then compressing the basic material at each crosspiece of the lamina (28) to be formed between two press-shaping tools; and - finally forming the lamina (28) including the crosspiece thereof by cutting corresponding parts or the complete contour thereof from the basic material.

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