

Title (en)

METHOD FOR PRODUCING A CHARGE AIR TUBE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES LADELUFTTROHRES

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE TUBULURE D'AIR DE SURALIMENTATION

Publication

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Application

EP 17707538 A 20170227

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Abstract (en)

[origin: WO2017194215A1] The invention relates to a method for producing a charge air tube from plastic. The aim of the invention is to provide a method for producing charge air tubes, said method being used to produce charge air tubes from continuous fiber-reinforced plastics with a constant wall thickness and a highly precise internal contour. This is achieved in that the method has the following working steps: • A) braiding a tube contour on a core (1) using continuous fibers (3), • B) inserting the fiber meshwork (2) together with the core into a cavity (5) of an injection mold (4), • C) injecting a low-viscosity curable flowable resin, wherein the braided tube contour is impregnated with the resin, • D) curing the impregnated component, and • E) removing the component from the mold and removing the core.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017194215A1

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