

Title (en)

PROPELLER OF A PULSED AIRFLOW GENERATOR, IN PARTICULAR FOR A PORTABLE BLOWER

Title (de)

PROPELLER EINES IMPULSLUFTSTROMGENERATORS, INSBESONDERE FÜR EIN TRAGBARES GEBLÄSE

Title (fr)

HÉLICE DE GÉNÉRATEUR DE FLUX D'AIR PUISÉ, EN PARTICULIER POUR SOUFFLEUR PORTATIF.

Publication

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Application

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Abstract (en)

[origin: WO2012140336A1] The invention relates to a propeller (1) of a pulsed airflow generator, in particular for a standalone portable blower, of the type made up of the assembly of two parts coaxially adjoining one another, i.e.: a first front part (2) made as a single piece and comprising a plurality of twisted blades (3) connected to a central ring (4), and a second rear part (5) with a generally conical shape also made as a single piece, the central portion (6) of said assembly having a conical shape and making up the rear portion of an air-inlet cone, said propeller being characterised in that said first front part and second rear part are secured by means of a clamping device (10) made up of a hub including two parts (11, 12) assembled coaxially and between which said two parts (2, 5) that make up the propeller (1) are clamped, said hub being rotatably secured to the latter and maintaining said front and rear parts in the assembled position thereof.

IPC 8 full level

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