

Title (en)  
A METHOD AND PIECE OF EQUIPMENT FOR MANUFACTURING AN AIR HEATING DEVICE, AS WELL AS THE AIR HEATING DEVICE

Title (de)  
VERFAHREN UND AUSRÜSTUNG ZUR HERSTELLUNG EINER LUFTHEIZVORRICHTUNG SOWIE LUFTHEIZVORRICHTUNG

Title (fr)  
PROCÉDÉ ET PIÈCE D'ÉQUIPEMENT DE FABRICATION D'UN DISPOSITIF DE CHAUFFAGE D'AIR, AINSI QUE DISPOSITIF DE CHAUFFAGE D'AIR

Publication  
**EP 4256901 A1 20231011 (EN)**

Application  
**EP 21810437 A 20211116**

Priority

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- IB 2021060581 W 20211116

Abstract (en)  
[origin: WO2022118122A1] A method of manufacturing an air heating device (1), comprising the steps of preparing a support (2) extending along a main axis (A), a first resistance wire (3) and a second resistance wire (4), helically winding the first resistance wire (3) around the support (2) so as to create a first winding (W1) extending along the main axis (A) with a first feeding pitch (p1) and helically winding the second resistance wire (4) around the support (2) so as to create a second winding (W2) extending along the main axis (A). The second winding (W2) comprises a first portion (W2') arranged in parallel, both electrically and physically, to the first winding (W1) and with a pitch corresponding to the first pitch (p1), so that there is a coil of the second winding (W2) between two adjacent coils of the first winding (W1) and a second portion (W2'') arranged electrically in series to the first portion (W2') and physically in series to the first winding (W1), wherein the second portion (W2'') has a second pitch (p2) that is shorter than the first pitch (p1).

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