

Title (en)  
HEATING STRUCTURE FOR HOT AIR DISTRIBUTORS

Title (de)  
HEIZSTRUKTUR FÜR HEISSE LUFTVERTEILER

Title (fr)  
STRUCTURE DE CHAUFFAGE POUR DISTRIBUTEURS D'AIR CHAUD

Publication  
**EP 3203162 B1 20200408 (EN)**

Application  
**EP 17153677 A 20170130**

Priority  
IT UB20160200 A 20160203

Abstract (en)  
[origin: EP3203162A1] A heating structure for hot air distributors, comprising a tubular element (10) inserted inside a casing (11) of a hot air distributor, wherein said tubular element (10) is engaged in correspondence with a tapered end (12) of said distributor from which a flow of hot air (7) outcomes and said tubular element (10) includes at least one resistor (13) attached to a thermally conductive layer (14), while, at one end opposite to said tapered end (12), an inlet opening (1) is provided where a flow of supply air (F) flows; said flow of supply air (F) is divided, by means of a transverse barrier (2), into two air flows (F1), which flow inside respective cavities (3) and follow a winding path, so that the air flow (F3) conveyed towards the output, by flowing along said resistor (13), is constantly and efficiently heated.

IPC 8 full level  
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Cited by  
CN110173888A; WO2019206666A1; WO2020127460A1

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