

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 A1 20170809 (EN)

Application
EP 17153677 A 20170130

Priority
IT UB20160200 A 20160203

Abstract (en)
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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Citation (search report)
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• [IY] EP 2690374 A1 20140129 - HT S P A [IT]
• [Y] US 3593498 A 19710720 - SEMON ALBERT L

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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