

Title (en)
RADIATING AND CONVECTION ELEMENT

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EP 0287546 A3 19890524 (EN)

Application
EP 88850133 A 19880418

Priority
SE 8701610 A 19870416

Abstract (en)
[origin: EP0287546A2] The invention refers to a radiating- and convection element preferably intended to be mounted to a ceiling and comprising a ventilation duct (1) and element housings (2a,2b) connected thereto, said element housings have convection batteries (30,31) and the ventilation duct have means (20,21) for throttling an air stream passed therethrough and side outlets (3) located in connection to the lower portions of the element housings, so that the air flow through said side outlet by ejector effect provides an air flow through the element housings. The ventilation duct (1) has a bottom plate (4) which projects laterally outside its side walls (6) and is at its ends shaped into rims (5a,5b). The outer walls of the element housings consists of profiles (23), which while fixing the upper part of the convection batteries are kept pressed against the ventilation duct (1) by means of first binding clamps (34) and at the lower part by the fact that the profiles have a portion (25) directed towards the ventilation duct, said portion being terminated by a notch (26) intended to cooperate by snap action with a complementarily shaped part (45) of second binding clamps (37), which are attached to the ventilation duct and by means of a second portion (42,43) engages the rims (5a,5b) of the bottom plate (4) for supporting this.

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CPC (source: EP)
F24F 1/01 (2013.01); **F24F 13/20** (2013.01); **F24F 2221/14** (2013.01)

Citation (search report)
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• [A] GB 1019077 A 19660202 - CARRIER CORP
• [A] FR 1287966 A 19620316 - SVENSKA FLAECTFABRIKEN AB

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EP0967444A3; EP0967443A3; EP1188992A3; GB2271175A; FR2696228A1; GB2271175B; EP0488977B1

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