

Title (en)  
APPARATUS FOR CONTROLLING THE TEMPERATURE IN THE ROOMS OF A BUILDING

Publication  
**EP 0059830 B1 19850515 (DE)**

Application  
**EP 82100357 A 19820119**

Priority  
DE 3108355 A 19810305

Abstract (en)  
[origin: US4817349A] Apparatus for use in heating, ventilating, cooling and/or regulating the temperature of rooms in a building including a facade which comprises a framework of hollow posts and hollow girders is distinguished by sections of the hollow posts and hollow girders being connected to one another in flow, in fixed manner, for the conduction of a heat transfer fluid and an air stream between a delivery line and a return flow line. A distinguishing feature is that the hollow posts are constructed in two pieces or parts, each of which parts includes two channels one of which provides for the conduction of a heat transfer fluid and the other for the conduction of a further fluid such as an air stream. In the preferred form illustrated the post parts are made to be generally C-shaped in cross section. As thus provided the C-shape cross section of each part shows that it includes a double-walled base leg portion incorporating both the channel for the heat transfer fluid and a channel for further fluid. By virtue of the C-shape of the cross section of each part, two such parts, each of which exhibits freely projecting legs, are coupled through the medium of the legs along their length to define one hollow post. The two part construction of the post provides for connection of girders to each part in a manner that girders may tightly connected to the post in directly aligned pairs.

IPC 1-7  
**F24F 3/00**; **F24F 7/04**; **F24F 13/02**; **F24D 5/10**; **F24D 3/00**

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**E04B 2/88** (2006.01); **E04B 2/96** (2006.01); **F24D 3/00** (2006.01); **F24D 3/10** (2006.01); **F24D 5/10** (2006.01); **F24F 3/00** (2006.01); **F24F 5/00** (2006.01); **F24F 7/04** (2006.01); **F24F 13/02** (2006.01)

CPC (source: EP US)  
**E04B 2/96** (2013.01 - EP US); **F24D 3/1058** (2013.01 - EP US); **F24D 5/10** (2013.01 - EP US); **F24F 7/04** (2013.01 - EP US)

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