

Title (en)

Method for heating a large and high room, such as in a church, and device for carrying out this method and blowing grate intended in particular for use in the method

Title (de)

Verfahren zum Heizen eines grossen und hohen Raumes, wie eine Kirche, und Gerät zur Durchführung dieses Verfahrens und Blasgitter hierfür

Title (fr)

Procédé pour chauffer un espace grand et haut, comme une église, appareil pour mettre en oeuvre ledit procédé et grille de soufflage associée

Publication

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Application

**EP 00204484 A 20001213**

Priority

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Abstract (en)

The invention relates to a method for heating a large and high room, such as in a church, a hangar, a hall, etc. At a height of at least approximately 2.5 m above a floor on which people can walk, a layer of heated air is blown horizontally into the room. The horizontal velocity of the air at the top of the layer of air blown in is higher than at the bottom of the layer of air blown in. The invention also relates to a device for carrying out the method according to the invention. The invention also relates to a blowing grate, intended in particular for use in the method according to the invention, comprising a multiplicity of vanes which extend horizontally, are positioned with a spacing between them and are substantially V-shaped in cross section, the pointed sides of the V shape pointing in the opposite direction to the blowing direction. The vertical spacing between adjacent vanes can decrease along the grate from the bottom upwards, and furthermore the vertical spacing between adjacent vanes can be adjusted. <IMAGE>

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- [A] NL 59429 C
- [A] DD 134671 A1 19790314 - DELMHORST PETER, et al
- [A] DE 3801585 A1 19890803 - AL KO POLAR MASCHF GMBH [DE]

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