

Title (en)
TILED STOVE WITH GAS HEATING INSTALLATION

Publication
EP 0399245 B1 19930414 (DE)

Application
EP 90108160 A 19900428

Priority
DE 3916890 A 19890524

Abstract (en)
[origin: EP0399245A2] The aim is to design a gas heating installation, which is suitable in particular for tiled stoves, with a simple and expedient construction in such a manner that the advantages of tiled stoves, that is to say high thermal comfort by means of a high proportion of radiant heat and free design possibilities of the tiled stove, are also maintained in the case of firing with gas. This is achieved, by using gas heating elements (1) with a radiant burner (7) and with a cover plate, preferably made of a heat-resistant, transparent material, such as glass ceramic or the like, in that each gas heating element (1) has on its housing underside and its housing upper side insertion connections (20, 21) aligned coaxially with one another, such as pins, sleeves or the like, which interact with coaxially aligned bearing points on a lower support frame (23) and an upper waste gas collector (24) parallel thereto, the support frame (23) and the waste gas collector (24) being connected by a front panel frame (25) and each gas heating element being pivotable and fixable about the vertical axis (26) defined by the bearing points. As a result of this, the gas heating elements, in relation to the support frame and the waste gas collector, can according to requirements be freely rotated, fixed and thus optimally aligned in a simple manner onto the inner walls of the tiled stove which are to be heated. This makes possible optimal individual action upon the inner tiled stove surfaces by radiant heat and opens up very variable possibilities of use in the most different tiled stove shapes, with simple installation and removal using a small number of standardised components. <IMAGE>

IPC 1-7
F24C 3/04; F24C 3/06; F24C 3/08

IPC 8 full level
F24C 3/04 (2006.01); **F24C 3/06** (2006.01); **F24C 3/08** (2006.01)

CPC (source: EP)
F24C 3/062 (2013.01)

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