

Title (en)

Method for the combustion of refuse on a combustion grate as well as combustion grate for carrying out the method and grate plate for manufacturing such a combustion grate.

Title (de)

Verfahren zum Verbrennen von Kehrrecht auf einem Verbrennungsrost sowie Verbrennungsrost zur Ausübung des Verfahrens und Rostplatte zur Herstellung eines solchen Verbrennungsrostes.

Title (fr)

Procédé pour la combustion de déchets sur une grille de combustion ainsi qu'une grille de combustion pour la mise en oeuvre du procédé et barreau pour la fabrication d'une telle grille.

Publication

EP 0621449 B1 19950809 (DE)

Application

EP 93810393 A 19930601

Priority

CH 123193 A 19930420

Abstract (en)

[origin: EP0621449A1] The method is characterised in that the combustion grate is temperature-controlled by a medium flowing through it. Furthermore, primary air is supplied through a large number of continuous holes (8) in the combustion grate, the primary air supply being individually dosed for each hole (8). The grate plate (1) is characterised in that it has externally in general the shape of a board, and its length is intended to extend over the entire width of the combustion grate to be produced or of a grate web to be produced and thus form a complete grate step. This grate plate (1) is made from sheet metal and is hollow on the inside. Distributed over its surface (2), it has some encased holes (8) or slots which run through the grate plate (1) and the hole opening (8) of which is smaller on the grate-plate upper side (2) than on the grate-plate lower side (3). On one side of the grate plate (1), there is a connection pipe piece (6) and on the other side a removal pipe piece (7) for a medium which is to flow through it. The combustion grate consists of a large number of such grate plates (1), these grate plates (1) extending with an inclined wide side in their longitudinal direction over the entire width of the combustion grate and in each case forming a complete grate step. Each grate plate (1) overlaps and rests on the next grate plate (1) in the conveying direction of the material being combusted. <IMAGE>

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DE102014008858A1; CN105222592A; EP1001218A3; US6155184A; DE19943665B4; DE19622424C2; US5899150A; US6024031A; DE19613507C1; DE19632316C1; EP0825383A3; US6145451A; EP0713056A1; JPH08219432A; US5617801A; CH688840A5; DE19910425A1; DE19910425C2; DE19753981A1; DE19753981C2; WO2012012909A2; EP0972989A1; WO2009023977A2; EP1355112A1; EP1001218A2; US8661994B2; EP0811803A2; EP4067744A1; EP0825383A2; EP0919771A2; WO2012013700A2; EP1085264A1; EP0987494A1; US6213031B1; EP0874195A1; EP1035373A1; EP0921354A1; US6269756B1

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