

Title (en)

A GRATE FOR HEATERS FOR BURNING SOLID FUEL BODIES AND A HEATER HAVING SUCH A GRATE

Title (de)

ROST FÜR BRENNER ZUM VERBRENNEN VON FESTBRENNSTOFFKÖRPERN UND BRENNER MIT EINEM SOLCHEN ROST

Title (fr)

GRILLE POUR CHAUDIERE PERMETTANT DE BRULER DES COMBUSTIBLES SOLIDES ET CHAUDIERES EQUIPEES D'UNE TELLE GRILLE

Publication

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Application

**EP 02775676 A 20021105**

Priority

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Abstract (en)

[origin: WO03044429A1] The invention relates to a grate for small heaters for burning solid fuel bodies (37) having a limited size (6–10 mm). The grate comprises a plurality of interspaced elements (25) that are rotatable in order to, during burning of the fuel bodies (37) on the same, set the fuel bodies in motion in a direction from a feeding end towards an opposite end of the grate while tumbling the same as the burning progresses and as ashes or other residual deposits automatically fall down into a subjacent ash space (9) via interspaces (38) between adjacent elements. Said interspaces are of a substantially uniform narrow width that is within the range of 2–4 mm, and the individual grate elements (25) being of a maximum cross-section dimension or diameter that is within the range of 10–18 mm.

[origin: WO03044429A1] The invention relates to a grate for small heaters for burning solid fuel bodies 37 having a limited size 6-10 mm. The grate comprises a plurality of interspaced elements 25 that are rotatable in order to, during burning of the fuel bodies 37 on the same, set the fuel bodies in motion in a direction from a feeding end towards an opposite end of the grate while tumbling the same as the burning progresses and as ashes or other residual deposits automatically fall down into a subjacent ash space 9 via interspaces 38 between adjacent elements. Said interspaces are of a substantially uniform narrow width that is within the range of 2-4 mm, and the individual grate elements 25 being of a maximum cross-section dimension or diameter that is within the range of 10-18 mm.

IPC 8 full level

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