

Title (en)
GRATE BLOCK FOR A COMBUSTION GRATE

Title (de)
ROSTBLOCK FÜR EINEN VERBRENNUNGSROST

Title (fr)
BLOC DE GRILLAGE POUR UNE GRILLE DE COMBUSTION

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Application
EP 20716792 A 20200406

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Abstract (en)
[origin: WO2021004664A1] The invention relates to a grate block (10) for a combustion grate, in which consecutive grate blocks are arranged one over the other in the manner of a staircase and are designed to rearrange and convey the combustible material during combustion by means of pushing motions performed in relation to each other. The grate block (10) comprises a block body (12) which has an upper wall (14) forming a bearing surface (16), along which wall the combustible material is to be conveyed, and a front wall (20) forming a push surface (22), wherein the front wall (20) has first air supply openings (25), which are formed in each case by a first air supply channel (27) for feeding air to the combustion grate, and a lower bearing edge (23) which is intended to come into contact with the bearing surface of a grate block that is adjacent in the pushing direction S. Further air supply channels (38), which traverse and are directed obliquely with respect to the direction of the first air supply channels, are arranged in the upper wall (14) and in the front wall (20) for cooling the upper and the front wall (20).

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