

Title (en)

WATER-COOLED GRATE BLOCK FOR AN INCINERATOR

Title (de)

WASSERGEKÜHLTER ROSTBLOCK FÜR EINE VERBRENNUNGSANLAGE

Title (fr)

BLOC DE GRILLE REFROIDI PAR EAU POUR INCINÉRATEUR

Publication

**EP 4211397 A1 20230719 (DE)**

Application

**EP 21777426 A 20210909**

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Abstract (en)

[origin: CA3191998A1] The invention relates to a cooled grate block (1) as part of a grate for a system for thermally treating waste, comprising: a block body (3) in the form of a cast part having an outer supporting face (7) for the waste to be treated; a flat cavity (50) situated directly below the supporting face (7), for receiving a cooling fluid; a fluid feed line (52) and a fluid discharge line (54), which are connected to the cavity (50); at least one deflection element (66), which is arranged in the cavity (50) to direct a cooling fluid within the cavity (50) from the fluid feed line (52) to the fluid discharge line (54); and a valve element (74) situated in the end region (11) of the cavity (50), for distributing the cooling fluid fed into the cavity (50) through the fluid feed line (52).

IPC 8 full level

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