

Title (en)

Solid fuel burner

Title (de)

Feststoffgefeuerter Brenner

Title (fr)

Brûleur par allumage de matière solide

Publication

**EP 3026339 B1 20190227 (DE)**

Application

**EP 14195218 A 20141127**

Priority

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Abstract (en)

[origin: WO2016083225A1] The invention relates to a solid-fuel burner (10) with a fuel supply (12), a burner muffler and at least one combustion air supply (30). It is provided that the burner muffler (20) is split into a main-load muffler (22) and a part-load muffler (21), wherein the main-load muffler and the part-load muffler have a rotationally symmetric basic shape and the axes of rotation (25) coincide. The main-load muffler directly adjoins the part-load muffler. The invention also relates to a method for operating a solid-fuel burner (10), in which the combustion air supply (30) is regulated such that the flame, up to approximately 30% of the maximum power of the solid-fuel burner (10), is located essentially in the part-load muffler.

IPC 8 full level

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