

GRATE BAR, GRATE BAR ARRANGEMENT, AND METHOD FOR OPERATING A
GRATE BAR ARRANGEMENT

Abstract

A grate bar has a grate bar head, two side walls, a running surface behind the grate bar head and between the side walls and an underside disposed below the running surface and between the side walls. A recess in one side wall forms at least one air slot between the running surface and under side and is arranged only on one side wall and not in its opposite side wall.

In a grate bar arrangement comprising multiple grate bars, each comprising a running surface and a grate bar head, in which an upper grate bar with its grate bar head is moveably arranged relative to a lower grate bar in such a way that the grate bar head may slide over a front area and a rear area of the running surface of the grate bar, the running surface has air slots in the front and rear areas and the grate bar head is displaceable relative to these air slots in such a way that the opening cross section of all air slots remains constant.

[Figure 1]