

Title (en)

Clamping device and method for combustion grates.

Title (de)

Spanneinrichtung und Spannverfahren für Verbrennungsroste.

Title (fr)

Dispositif et procédé de serrage pour grilles de combustion.

Publication

**EP 0499911 B1 19950621 (DE)**

Application

**EP 92102122 A 19920208**

Priority

DE 4105331 A 19910218

Abstract (en)

[origin: US5178128A] A grate bar assembly for use in a combustion furnace, particularly, in a waste incinerator having a combustion chamber, includes a plurality of overlapping rows of grate bars extending across the combustion chamber, each row of grate bars being composed of a plurality of juxtaposed grate bars; a grate bar support; and a preferably hydraulically operated releasable clamping device disposed outside the combustion chamber for laterally clamping the plurality of overlapping rows of grate bars and for moving the juxtaposed grate bars toward each other. A method of operating the grate bar assembly is also disclosed.

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**F23H 17/00**

IPC 8 full level

**F23H 17/00** (2006.01)

CPC (source: EP KR US)

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**DE 4105331 C1 19920416**; DE 59202572 D1 19950727; EP 0499911 A2 19920826; EP 0499911 A3 19930107; EP 0499911 B1 19950621; ES 2074745 T3 19950916; KR 100200405 B1 19990615; KR 920016772 A 19920925; US 5178128 A 19930112

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**DE 4105331 A 19910218**; DE 59202572 T 19920208; EP 92102122 A 19920208; ES 92102122 T 19920208; KR 920002318 A 19920217; US 82993992 A 19920203