

Title (en)

Conveyor belt grate and burner including a conveyor belt grate

Title (de)

Förderband-Rost und Brenner umfassend einen Förderbandrost

Title (fr)

Grille de tapis de convoyage et brûleur comprenant une grille de tapis de convoyage

Publication

EP 2765358 A3 20150819 (DE)

Application

EP 14450004 A 20140204

Priority

AT 1072013 A 20130208

Abstract (en)

[origin: EP2765358A2] The grate i.e. hinged belt has two limbs (3, 4) hingedly connected together along a conveyance direction, where a burning surface is formed by the limbs in a combustion area in an operating position. The two limbs form a limb pair (7) in the combustion area, where a flow-through channel (8) is bounded to the two limbs. The flow-through channel includes an inner flow channel that projects through an opening of one limb, where the limbs include two hinge retainers (14, 15) for the articulated connection of the two limbs. An independent claim is also included for a burner.

IPC 8 full level

F23H 11/00 (2006.01); **F23B 30/08** (2006.01); **F23H 11/10** (2006.01)

CPC (source: EP)

F23B 30/08 (2013.01); **F23H 11/10** (2013.01); **F23G 2203/8016** (2013.01)

Citation (search report)

- [XAI] US 5551356 A 19960903 - POST JOSEPH R [US]
- [XA] DE 193897 C
- [X] WO 9723752 A1 19970703 - COMBUSTION ENG [US]
- [XI] US 2511935 A 19500620

Cited by

CN111578261A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2765358 A2 20140813; EP 2765358 A3 20150819

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