

Title (en)
Grate element for a grate cooler

Title (de)
Rostelement für einen Kühlrost

Title (fr)
Élément de grille pour un refroidisseur à grille

Publication
EP 2645034 B1 20150527 (EN)

Application
EP 12161886 A 20120328

Priority
EP 12161886 A 20120328

Abstract (en)
[origin: EP2645034A1] A grate element 10 for a grate cooler for cooling and transporting bulk material in a forward direction, wherein the grate element 10 has at least a box like support structure 20 for an upside facing rest for supporting the bulk material and which has a corner steel like front element 50 being supported by the support structure 20 and comprising a front leg 52 and a top leg 51, wherein the front leg 52 covers a front side of the support structure 20 at least partly and the top leg 51 is positioned on top of the support structure 20 as a part of the rest, may be mounted in simple but reliable manner if the support structure 20 has at least one recess 63 and the front element 50 has at least one protrusion 53 engaging into the recess 63, thereby interlocking the front element 50 against translation in at least a forward direction relative to the grate element 10.

IPC 8 full level
F27B 3/06 (2006.01); **F27B 9/20** (2006.01); **F27D 15/02** (2006.01)

CPC (source: EP)
F27B 3/06 (2013.01); **F27B 9/203** (2013.01); **F27D 15/022** (2013.01)

Cited by
EP2843342A1; EP3048369A1; CN107110499A; JP2017538095A; US10139105B2; US9605902B2; WO2016120170A1; WO2015028217A1; EP3112786A1; US10401089B2; EP2843342B1; EP3112786B1; EP3112786B2

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