

Title (en)

Lifter for cooling drums, rotary drum furnaces or similar devices.

Title (de)

Einbauten für Rohrkühler, Drehrohröfen oder dergleichen.

Title (fr)

Aube pour cylindres de refroidissement, fours à tambour rotatif ou installations similaires.

Publication

**EP 0367956 B1 19931020 (DE)**

Application

**EP 89117507 A 19890922**

Priority

DE 3837607 A 19881105

Abstract (en)

[origin: EP0367956A1] In the treatment of a granular substance, which is capable of being at least partly scattered, in a cooling drum, satellite cooler, rotary drum furnace, drum-type drier or similar devices, in order to increase the thermal efficiency, such as, for example, the cooling effect, in the critical heating zone without having to tolerate a perceptible increase in the dust load of the gas flow as well as an increase in the dimensions of the rotary drum, rotary drum lifters are proposed according to the invention, which rotary drum lifters, as viewed in the drum cross-section, consist of roughly hemispherical curved elements (13) which project arch-like into the drum interior and, in their apex region at their two front edges, each have a rim (19, 20) directed towards the inner wall of the drum, reducing the free curved cross-sectional area and preventing the scattering of the lifted substance located in the curved elements. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

CN107188223A; EP1909051A1; EP0916917A1; DE10208248A1; EP0916916A1; US8910393B2; WO2008040545A1

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