

Title (en)

Rotary drum furnace for the heat treatment of free flowing materials

Title (de)

Drehrohrofen zur Wärmebehandlung fliessfähiger Materialien

Title (fr)

Four rotatif pour le traitement thermique de matières pouvant s'écouler

Publication

EP 0636847 B1 19990324 (DE)

Application

EP 94109777 A 19940624

Priority

DE 4325303 A 19930728

Abstract (en)

[origin: EP0636847A1] The outlet end (9) of a rotary drum furnace (8) for the heat treatment of free-flowing materials, in particular bulk materials, is essentially subjected to stresses which occur simultaneously and in different proportions. Various embodiments of the outlet end (9) of rotary drum furnaces (8) are therefore known from practice, where it has proved to be particularly successful to design the outlet end (9) in the form of a double casing, its closure being formed by outlet-protection segmental parts (11, 12, 13). In order to meet increased demands, in particular with regard to a higher thermal loading capacity, it is proposed according to the invention to construct the outlet-protection segmental parts (11, 12, 13) in several pieces and to design the segmental parts in such a way that they can be releasably connected to one another free of stress in the form of push-in connections so that a largely gastight and dustproof closure of the double casing is achieved. <IMAGE>

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IPC 8 full level

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