

Title (en)
Industrial furnace.

Title (de)
Industrieofen.

Title (fr)
Four industriel.

Publication
EP 0443201 B1 19940126 (DE)

Application
EP 90125530 A 19901227

Priority
DE 4005653 A 19900223

Abstract (en)
[origin: EP0443201A1] The industrial furnace is designed as a hood-type annealing furnace and has a first furnace part (1), namely a heating hood, and a second furnace part (2), namely a protective hood. The seal between these furnace parts is formed by an apron (3), the upper rim of which is fixed to the heating hood. The lower rim is folded over and encloses a weight load (4) consisting of a hose (7) filled with granular material (8). The weight load generates a constant compact pressure of the seal. The apron (3) is capable of smoothing out irregularities and compensating for a great variability of the distance between the furnace parts. <IMAGE>

IPC 1-7
C21D 9/673; **F27D 23/00**; **F27D 17/00**

IPC 8 full level
C21D 9/673 (2006.01); **F27D 17/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP)
C21D 9/673 (2013.01); **F27D 17/002** (2013.01); **F27D 99/0073** (2013.01)

Cited by
EA027779B1; DE10224020C1; EP3372935A1; DE102016116645A1; EP1195565A4; EP3137835A4; WO2014096543A1; WO2018162507A1; US10259084B2; WO2015164959A1; US10100930B2

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