

Title (en)  
CLOSURE MEANS FOR INDUSTRIAL OVENS

Publication  
**EP 0314946 B1 19910925 (DE)**

Application  
**EP 88116880 A 19881012**

Priority  
DE 8714544 U 19871031

Abstract (en)  
[origin: US4883002A] A furnace closing mechanism for industrial furnaces is composed of a furnace door that can be latched to the furnace shell and a heat-insulating door fastened to the furnace door. This heat-insulating door renders the thermal insulation of the furnace interior gastight. Loss of material caused by friction is prevented by bayonet joints. The heat-insulating door provided by leaf springs and a threaded hub is screwed onto a threaded spindle, which is mounted on the furnace door and can be operated from the outside.

IPC 1-7  
**F27D 1/18**

IPC 8 full level  
**F27D 1/18** (2006.01)

CPC (source: EP US)  
**F27D 1/1858** (2013.01 - EP US)

Cited by  
EP0460484A3; US5193998A

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**US 4883002 A 19891128**; AT E67841 T1 19911015; DE 3865174 D1 19911031; DE 8714544 U1 19871223; EP 0314946 A1 19890510; EP 0314946 B1 19910925; ES 2024610 B3 19920301

DOCDB simple family (application)  
**US 26140388 A 19881024**; AT 88116880 T 19881012; DE 3865174 T 19881012; DE 8714544 U 19871031; EP 88116880 A 19881012; ES 88116880 T 19881012