

Title (en)

Spray-cooled cover

Title (de)

Sprühgekühlter Deckel

Title (fr)

Couvercle refroidi par pulvérisation

Publication

**EP 0562701 B1 19960103 (DE)**

Application

**EP 93250064 A 19930224**

Priority

US 85644792 A 19920324

Abstract (en)

[origin: US5227119A] A spray-cooled furnace cover or roof from which the coolant is removed by gravity flow without the use of any pumps. The roof has lower coolant consumption than roofs requiring Venturi pumps to remove water.

IPC 1-7

**F27D 1/12**; **F27D 1/18**

IPC 8 full level

**F27B 3/24** (2006.01); **F27B 3/16** (2006.01); **F27D 1/12** (2006.01); **F27D 1/18** (2006.01)

CPC (source: EP US)

**F27B 3/16** (2013.01 - EP US); **F27D 1/12** (2013.01 - EP US); **F27D 1/1816** (2013.01 - EP US)

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

**US 5227119 A 19930713**; AT E132614 T1 19960115; DE 59301284 D1 19960215; EP 0562701 A1 19930929; EP 0562701 B1 19960103; ES 2081685 T3 19960316; JP H0642880 A 19940218; ZA 93227 B 19940523

DOCDB simple family (application)

**US 85644792 A 19920324**; AT 93250064 T 19930224; DE 59301284 T 19930224; EP 93250064 A 19930224; ES 93250064 T 19930224; JP 8810893 A 19930323; ZA 93227 A 19930113