

Title (en)
Floor air outlet with cylindrical housing

Title (de)
Bodenquellauslass aus einem zylindrischen Gehäuse

Title (fr)
Sortie d'air de plancher avec boîtier cylindrique

Publication
EP 0679844 B1 20010829 (DE)

Application
EP 95104626 A 19950329

Priority
DE 9407055 U 19940428

Abstract (en)
[origin: US5551915A] A floor well air distribution outlet for forming a trumpet shaped air stream includes a cylindrical casing the open upper end of which is covered by a distribution disk having radially extending slots. A plate spaced below and parallel to said disk includes an inflow opening concentric with the disk. The radial outermost extremities of the slots are defined by soffits sloping downwardly toward the axis of the disk. A first series of soffits is inclined at a steeper angle than the soffits of a second series intervening between the first series. A cover plate includes radially extending tongues partially overlying the slots, the radial extent of the tongues being such as to overlie the innermost radial extremity of the slots of the second series only. A valve is vertically shiftable between two positions respectively unblocking or blocking the inflow opening.

IPC 1-7
F24F 13/06

IPC 8 full level
F24F 13/068 (2006.01); **F24F 13/06** (2006.01); **F24F 13/08** (2006.01); **F24F 13/10** (2006.01)

CPC (source: EP KR US)
F24F 13/06 (2013.01 - EP US); **F24F 13/068** (2013.01 - KR)

Cited by
CN107621062A; NL2021244B1; DE102007061578A1; DE102007061578B4; US11091600B2

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

DOCDB simple family (publication)
US 5551915 A 19960903; AT E204977 T1 20010915; DE 59509546 D1 20011004; DE 9407055 U1 19940804; EP 0679844 A2 19951102; EP 0679844 A3 19970514; EP 0679844 B1 20010829; JP H07301453 A 19951114; KR 100338227 B1 20021031; KR 950033314 A 19951222

DOCDB simple family (application)
US 40900595 A 19950323; AT 95104626 T 19950329; DE 59509546 T 19950329; DE 9407055 U 19940428; EP 95104626 A 19950329; JP 10109895 A 19950425; KR 19950004728 A 19950308