

Title (en)
OUTLET WITH A VORTEX FLOW

Publication
EP 0360147 B1 19930811 (DE)

Application
EP 89116992 A 19890914

Priority
DE 3832052 A 19880921

Abstract (en)
[origin: US4979433A] In a swirl outlet with an outlet plate and blowout openings provided therein for warm and/or cold air, an air jet guiding slat (10) to be regulated individually is assigned to each outlet opening (5).

IPC 1-7
F24F 13/06

IPC 8 full level
F24F 13/068 (2006.01); **F24F 13/06** (2006.01); **F24F 13/075** (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP US)
F24F 13/06 (2013.01 - EP US); **F24F 13/075** (2013.01 - EP US)

Cited by
EP1298396A3

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

DOCDB simple family (publication)
US 4979433 A 19901225; AT E93046 T1 19930815; CA 1323237 C 19931019; DE 3832052 A1 19900322; DE 58905243 D1 19930923; DK 464989 A 19900322; DK 464989 D0 19890921; EP 0360147 A2 19900328; EP 0360147 A3 19911009; EP 0360147 B1 19930811; ES 2043996 T3 19940101; JP H02122145 A 19900509

DOCDB simple family (application)
US 41011889 A 19890920; AT 89116992 T 19890914; CA 612360 A 19890921; DE 3832052 A 19880921; DE 58905243 T 19890914; DK 464989 A 19890921; EP 89116992 A 19890914; ES 89116992 T 19890914; JP 24236189 A 19890920