

Title (en)
Arrangement for producing two air curtains moving in opposing directions.

Title (de)
Anordnung zur Erzeugung zweier gegenläufiger Luftschleier.

Title (fr)
Dispositif pour la génération de deux rideaux d'air à sens de circulation opposée.

Publication
EP 0657702 A3 19970205 (DE)

Application
EP 94119293 A 19941207

Priority
DE 4341784 A 19931208

Abstract (en)
[origin: EP0657702A2] In an air-curtain apparatus for doors, two circulating-air currents (14,15) rotating in opposite directions are produced with the aid of two blower devices (7,8). The direction of rotation of the two circulating-air currents (14,15) is chosen so that an upwardly directed air flow arises between the two circulating-air currents (14,15). This results in air which penetrates from outside being able to pass into the room interior (1) only via one of the blower devices (8) and thus being adequately conditioned. <IMAGE>

IPC 1-7
F24F 9/00

IPC 8 full level
F24F 9/00 (2006.01)

CPC (source: EP)
F24F 9/00 (2013.01); **F24F 2009/007** (2013.01)

Citation (search report)

- [YA] US 3023688 A 19620306 - KRAMER JR FRED A
- [YA] EP 0511576 A2 19921104 - MITSUBISHI HEAVY IND LTD [JP], et al
- [DA] DE 3050685 C2 19851017 & DE 3004073 A1 19810813 - TTL TUER & TORSCHLEIER LUFTEEC [DE]
- [A] DE 9010016 U1 19900906

Cited by
DE10313108A1; DE102010061007A1

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

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EP 0657702 A2 19950614; EP 0657702 A3 19970205; EP 0657702 B1 20000412; AT E191783 T1 20000415; DE 4341784 A1 19950614; DE 4341784 C2 19950907; DE 59409287 D1 20000518; DK 0657702 T3 20000731

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