

Title (en)  
Ventilating system

Title (de)  
Lüftungsanlage

Title (fr)  
Système de ventilation

Publication  
**EP 1600705 A2 20051130 (EN)**

Application  
**EP 05010213 A 20050511**

Priority  
KR 20040036359 A 20040521

Abstract (en)  
Disclosed is a ventilating system for supplying the outdoor air to the inside of a room or discharging the indoor air to the outside of a room. The ventilating system comprises a case (100) having an inlet (110) and an outlet (120) fluid-communicated with the inside of a room. The case is fluid-communicated with the outside of the room through a first flow passageway (1). A second flow passageway (2) is provided inside the case so as to fluid-communicate the outlet with the first flow passageway. A third flow passageway (3) is provided inside the case so as to fluid-communicate the inlet with the first flow passageway. The case is provided with a fan unit (300), which functions to suction the indoor air through the third flow passageway and exhaust to the outside of the room through the first flow passageway, or to suction the outside air through the first and second flow passageway and supply into the inside of the room. A first damper (410) is disposed between the outside of the room and the fan unit so as to open alternately the second or third flow passageway.

IPC 1-7  
**F24F 7/013**

IPC 8 full level  
**F24F 7/08** (2006.01); **F24F 7/013** (2006.01); **F24F 1/00** (2011.01)

CPC (source: EP KR US)  
**A47G 33/00** (2013.01 - KR); **F24F 1/0071** (2019.01 - EP US); **F24F 7/013** (2013.01 - EP US); **F24F 2011/0002** (2013.01 - EP US); **F24F 2221/14** (2013.01 - EP US)

Cited by  
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**EP 1600705 A2 20051130**; **EP 1600705 A3 20070214**; CN 1316204 C 20070516; CN 1699859 A 20051123; KR 100577206 B1 20060510; KR 20050111161 A 20051124; US 2005260946 A1 20051124

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