

Title (en)

Air ventilator with non-return valve and filter for leading replacement air into a room

Title (de)

Luftventilator mit Filter und Rückschlagklappe zur Leitung von Austauschluft in einen Raum

Title (fr)

Ventilateur avec filtre et soupape de retenue pour le remplacement de l'air dans une pièce

Publication

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Application

EP 09163104 A 20090618

Priority

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Abstract (en)

[origin: EP2264376A1] The invention is an air ventilator (2) which comprises an air inlet (2.1), an air outlet (2.2), and an air channel (2.3) to enable air flow between the air inlet (2.1) and the air outlet (2.2). The air ventilator (2) also comprises a backflow trap (1) for preventing air flowing to a backwards direction in the air channel (2.3). The air ventilator (2) further comprises a first section (2.7) and a second section (2.8). The first section (2.7) having a first height (h1) comprises channelling means (2.9) for controlling the direction of the air flow in the air channel (2.3). The height (h2) of the second section (2.8) is greater than the height (h1) of the first section (2.7). The second section (2.8) comprises a filter (9) for filtering impurities from the air flowing through the air channel (2.3).

IPC 8 full level

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Cited by

CN113357802A; CN103422797A; NL1042183A; BE1023702B1

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