

Title (en)  
AIR CONDITIONER

Title (de)  
KLIMAANLAGE

Title (fr)  
CLIMATISEUR

Publication  
**EP 2924363 A1 20150930 (EN)**

Application  
**EP 15157892 A 20150305**

Priority  
JP 2014045134 A 20140307

Abstract (en)  
An air conditioner that allows maintenance and replacement of an air-purifying filter disposed in an air passage to be easily performed at the position of an opening of an air inlet provided in the top surface of a main unit is provided. In an air conditioner (1) in which an air inlet (6) provided with an inlet grille (7) is formed in the top surface of a main unit (2) and in which a pre-filter (9), a heat exchanger (4), and a blowing fan (5) are disposed, in this order, in an air passage (12) extending from the air inlet (6) to an air outlet, the inlet grille (7) is disposed such that a front end thereof can be rotated upward about a rear end thereof, an air-purifying filter (14) is disposed in the air passage (12) between the heat exchanger (4) and the pre-filter (9) disposed on the rear side of the inlet grille (7), and the air-purifying filter (14) is joined to the inlet grille (7) so that it can be brought to the position of the opening of the air inlet (6) in response to the upward rotation of the front end of the inlet grille (7).

IPC 8 full level  
**F24F 13/28** (2006.01); **F24F 13/08** (2006.01)

CPC (source: EP)  
**F24F 1/0007** (2013.01); **F24F 1/005** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/082** (2013.01); **F24F 13/085** (2013.01); **F24F 13/28** (2013.01)

Citation (applicant)  
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• JP H05149579 A 19930615 - MITSUBISHI ELECTRIC CORP  
• JP S6240261 A 19870221 - SHOKUHIN SANGYO MAKU RIYOU GIJ

Citation (search report)  
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• [A] US 5679121 A 19971021 - KIM DO-YEON [KR]  
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