

Title (en)  
AIR CONDITIONER

Title (de)  
KLIMAANLAGE

Title (fr)  
CONDITIONNEUR D'AIR

Publication  
**EP 1553361 A4 20070214 (EN)**

Application  
**EP 03756601 A 20030922**

Priority  
• JP 0312109 W 20030922  
• JP 2002279495 A 20020925

Abstract (en)  
[origin: EP1553361A1] Three transverse louvers (11a, 11b, 11c) are arranged side by side in a spout port (5). When conditioned air is discharged upward, the central and lower transverse louvers (11c, 11b) are disposed in a standard position substantially parallel with the air flowing through the central and lower regions of an air feed path (6) so as to discharge the main stream downward as indicated (A1). The upper transverse louver (11a) is disposed upward inclined with respect to the air flow passing through the upper region of the air feed path (6), so that the air passing through the upper region of the air feed path (6) is led by the transverse louver (11a) to be discharged along the upper wall (6a) of the air feed path (6). The air discharged upward is drawn to the main stream (A1) by the Coanda effect and led in the direction of the main stream, as indicated by arrow (A4).  
<IMAGE>

IPC 8 full level  
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CPC (source: EP)  
**F24F 1/0011** (2013.01); **F24F 1/0057** (2019.01); **F24F 1/0025** (2013.01); **F24F 11/56** (2017.12); **F24F 2221/28** (2013.01)

Citation (search report)  
• [XY] EP 0774628 A2 19970521 - MITSUBISHI ELECTRIC CORP [JP]  
• [X] JP S6023650 U 19850218  
• [XY] JP H1137537 A 19990212 - MITSUBISHI ELECTRIC CORP  
• [X] JP S5719542 A 19820201 - MATSUSHITA ELECTRIC IND CO LTD  
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• [XA] JP H1019300 A 19980123 - TOSHIBA CORP  
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**EP 03756601 A 20030922**; AU 2003299108 A 20030922; CN 03822741 A 20030922; HK 06104608 A 20060418; JP 0312109 W 20030922; JP 2002279495 A 20020925