

Title (en)
INDOOR AIR CONDITIONER

Title (de)
INNENRAUMKLIMAANLAGE

Title (fr)
CLIMATISEUR INTÉRIEUR

Publication
EP 3088806 B1 20180418 (EN)

Application
EP 14874416 A 20141217

Priority
• JP 2013272121 A 20131227
• JP 2014083440 W 20141217

Abstract (en)
[origin: EP3088806A1] To provide both surging proof stress and energy conservation properties in a wall-mounted air-conditioning indoor machine, a stabilizer (17), a rear guider (18), and a cross-flow fan (30) are arranged so that three expressions, $(\theta_a - 0) > 16^\circ$, $17^\circ < (\theta_b - 0) < 26^\circ$, and $\theta_b \neq \theta_a$, are satisfied by a reference angle (θ_0) formed by a fan-referencing horizontal line (L1) and a scroll-referencing line (L2), a first angle (θ_a) formed by the fan-referencing horizontal line (L1) and a first straight line (SL1) connecting a fan center point (O) and a front-surface-side closest point (P7) of the stabilizer (17), and a second angle (θ_b) formed by the fan-referencing horizontal line (L1) and a second straight line (SL2) connecting the fan center point (O) and a back-surface-side closest point (P8) of the rear guider (18).

IPC 8 full level
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