

Title (en)
Elevation controller for air suction grille

Title (de)
Liftvorrichtung für ein Absauggitter

Title (fr)
Commande pour l'élévation d'une grille d'aspiration

Publication
EP 0768500 B1 20030924 (EN)

Application
EP 96116274 A 19961010

Priority
• JP 29207595 A 19951013
• JP 35108595 A 19951225

Abstract (en)
[origin: EP0768500A2] An in-ceiling mount type air conditioner (50) including an operation switch (51) for switching a power supply status of a power source to an elevating motor (140) for elevating an air suction grille (9), upper-limit position detectors (52,53) for detecting the upper-limit and lower-limit positions of the air suction grille (9) respectively, a forced stop detector for detecting the forced stop of the air suction grille, a timer (143) for counting a predetermined time from the actuation of the upper-limit position detector (52), and a controller for stopping the elevating motor (140) when the timer (143) counts the predetermined time after the air suction grille (9) reaches the upper-limit position and keeping the air suction grille (9) to stop when the forced stop of the air suction grille is detected by the forced stop detector.

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F24F 13/08; F24F 13/28

IPC 8 full level
F24F 13/08 (2006.01)

CPC (source: EP KR)
F24F 1/00 (2013.01 - KR); **F24F 7/06** (2013.01 - KR); **F24F 13/08** (2013.01 - EP)

Cited by
EP1701099A4; CN102920179A

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DE ES FR GB GR IT PT

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EP 0768500 A2 19970416; EP 0768500 A3 20000405; EP 0768500 B1 20030924; CN 1111686 C 20030618; CN 1161435 A 19971008; CN 1223805 C 20051019; CN 1389674 A 20030108; DE 69630091 D1 20031030; DE 69630091 T2 20040617; ES 2207662 T3 20040601; KR 100430874 B1 20040716; KR 970047311 A 19970726; PT 768500 E 20040227

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EP 96116274 A 19961010; CN 02107980 A 20020320; CN 96121981 A 19961012; DE 69630091 T 19961010; ES 96116274 T 19961010; KR 19960045579 A 19961012; PT 96116274 T 19961010