

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : F24F 13/20, 1/02	A1	(11) International Publication Number: WO 99/35448 (43) International Publication Date: 15 July 1999 (15.07.99)
---	----	---

(21) International Application Number: PCT/BR97/00078

(22) International Filing Date: 30 December 1997 (30.12.97)

(71) Applicant (for all designated States except BR US): CARRIER CORPORATION [US/US]; Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(71) Applicant (for BR only): SPRINGER-CARRIER S.A. [BR/BR]; Rua Berto Cirio, 521, São Luiz, CEP-92420-030 Canoas, RS (BR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DA SILVA, Regis, Batista [BR/BR]; Rua Wenceslau Braz, 217, Centro, São Leopoldo, RS (BR).

(74) Agent: MOMSEN, LEONARDOS & CIA.; Rua Teófilo Otoni, 63 - 10º andar, CEP-20090-080 Rio de Janeiro, RJ (BR).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published*With international search report.*

(54) Title: CONTROL BOX MOUNTING FOR AN AIR CONDITIONER

(57) Abstract

A control box (28) for an air conditioner (10), which is mounted in an indoor section of the air conditioner. The control box (28) includes a rear wall (44) having two vertical edges and a lower edge, first and second side walls (40, 42) each of which have a rear edge connected to one of the vertical edges of the rear wall and which extend forwardly therefrom. Each of the first and second side walls (40, 42) also has a lower edge. A bottom wall (46) having a rear edge and first and second side edges is connected respectively to the lower edge of the rear wall and the lower edges of the first and second side walls. The air conditioner (10) is provided with a control box receiving structure (34) in the indoor section. This structure includes a rear support, a bottom support, and first and second side supports. The rear, bottom, first and second side supports are configured to cooperate with one another to engage, respectively, the rear wall (44), the bottom wall (46) and the first and second side walls (40, 42) of the control box in a manner to support and affix the control box in the inside section of the air conditioner (10).

