

Title (en)

TOP PLATE STRUCTURE OF AIR CONDITIONER FOR INSTALLATION AT HIGH LEVEL

Title (de)

OBERPLATTENSTRUKTUR EINER KLIMAANLAGE ZUR INSTALLATION IN GROSSER HÖHE

Title (fr)

STRUCTURE DE PLAQUE SUPERIEURE POUR CLIMATISEUR INSTALLE A UN EMPLACEMENT ELEVE

Publication

EP 1867930 A1 20071219 (EN)

Application

EP 06731409 A 20060407

Priority

- JP 2006307462 W 20060407
- JP 2005115994 A 20050413

Abstract (en)

A high location installation type air conditioner includes a body casing (3) for accommodating a fan (5), a fan motor (9), and a heat exchanger (4), and a top plate (32) forming a top surface of the body casing (3) for suspending the fan (5), the fan motor (9), and the heat exchanger (4). The top plate (32) includes a plurality of radial reinforcing ribs extending from a central portion of the top plate (32) at which the fan motor (9) is supported to a peripheral portion of the top plate (32) at which the heat exchanger (4) is supported. The plurality of reinforcing ribs include a reinforcing rib (32a') protruding from a front surface of the top plate (32) and a reinforcing rib (32a) protruding from a rear surface of the top plate (32) to improve rigidity of the top plate (32).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2006112278A1

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EP2023049A3; US9255716B2

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