

Title (en)
INDOOR UNIT FOR AIR-CONDITIONERS AND STRUCTURE FOR INSTALLING THE SAME

Title (de)
INNENRAUMEINHEIT EINER KLIMAANLAGE UND VORRICHTUNG ZU DESSEN EINBAU

Title (fr)
UNITE INTERIEURE POUR CONDITIONNEURS D'AIR ET SA STRUCTURE D'INSTALLATION

Publication
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Application
EP 99906498 A 19990226

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Abstract (en)
[origin: EP0985890A1] A casing (10) is composed of a main body section (11) having a flattened, approximately rectangular parallelepipedic shape and a protuberant section (13) extending continuously from a bottom portion of the main body section (11). A front face of the protuberant section (13) is formed into an inclined face (14) which inclines downwardly in a front to back direction of the casing (10). An air intake opening (41) is formed in the inclined face (14) of the protuberant section (13). An air forward-exhaust opening (43) is formed in a front face of the main body section (11). An air lateral-exhaust opening (44) is formed in each of lateral faces of the main body section (10). Within the casing (10), a centrifugal fan for drawing room air from below and for emitting it in lateral direction and a heat exchanger for generating conditioned air are disposed in an air passage providing communication from the air intake opening (41) to each of the air exhaust openings (43, 44). <IMAGE>

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IPC 8 full level
F24F 1/0059 (2019.01); **F24F 13/20** (2006.01); **F24F 13/30** (2006.01); **F24F 13/32** (2006.01)

CPC (source: EP US)
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Citation (search report)
• [A] GB 2155616 A 19850925 - MITSUBISHI ELECTRIC CORP
• [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 236 (M - 173) 25 November 1982 (1982-11-25)
• [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)
• See references of WO 9943989A1

Cited by
CN107036162A; EP1571401A3; EP2333436A3; US10746416B2; WO2004011854A1

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