

Title (en)
In-ceiling mount type air conditioner using the same

Title (de)
In Raumdecke eingebaute Klimaanlage

Title (fr)
Installation de climatisation incorporée dans le plafond d'une pièce

Publication
EP 0791788 A2 19970827 (EN)

Application
EP 97102807 A 19970220

Priority
JP 6010096 A 19960222

Abstract (en)
In an air conditioner having an air blow fan 7 fixed on the top face 4a of a housing 4, and a heat exchanger 10 disposed around the air blow fan 7, air which is sucked in by the air blow fan 7 being blown out to the heat exchanger 10, a first intercepting plate 100 is interposed between the top face 4a of the housing 4 of the air conditioner and the air blow fan 7. Further, a fan nozzle 13a is disposed on the inner periphery of a shroud 7c of the air blow fan 7, and a second intercepting plate 13 is disposed on the outer periphery of the shroud 7c. <IMAGE>

IPC 1-7
F24F 1/02; **F24F 1/00**

IPC 8 full level
F04D 29/44 (2006.01); **F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01); **F24F 8/108** (2021.01); **F24F 13/20** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP US)
F24F 1/0035 (2019.01 - EP US); **F24F 1/0047** (2019.01 - EP); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 8/108** (2021.01 - EP US); **F24F 13/24** (2013.01 - EP); **F24F 1/0022** (2013.01 - EP); **F24F 8/10** (2021.01 - EP); **F24F 2011/0002** (2013.01 - EP)

Cited by
EP1184575A3; EP2059726A4; FR2775335A1; GB2333833A; GB2333833B; US6041853A; EP3418641A4; US10627132B2; WO2015000207A1; EP1184575A2; US6679682B2; US8127830B2

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