

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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