

Title (en)  
HEAT PUMP

Publication  
**EP 0035656 B1 19840613 (DE)**

Application  
**EP 81100917 A 19810210**

Priority  
DE 3007675 A 19800229

Abstract (en)  
[origin: EP0035656A1] 1. A heat pump comprising a base frame (4) taking up a heat pump assembly (evaporator 1, condenser 2 and compressor 3), there being vibration damping elements (15) therebetween, said base frame (4) being mounted on feet (5) fitted with vibration damping elements (6), and a self-supporting housing (7) that is separate from the base frame (4) and may be slipped like a hood over the base frame with assemblies mounted thereon, said housing (7) having an accoustically insulating coating (9) on an inner side thereof, characterized in that said base frame (4) is palette-like in form and is fitted with a back wall (19) having supply pipes (18) running through it and having an accoustically insulating mass (21) running down as far as the floor, said back wall being stiffened at least in the side and top parts thereof, and on the said back wall the accoustically insulating coating (9) of the housing (7), that has a cutout for the back wall (19) and on its lower edge has a sealing strip (10), is rested.

IPC 1-7  
**F24D 11/02**; **F16F 15/04**

IPC 8 full level  
**F02B 77/13** (2006.01); **F16F 15/04** (2006.01); **F24D 11/02** (2006.01); **F24H 9/02** (2006.01); **G10K 11/16** (2006.01)

CPC (source: EP)  
**F02B 77/13** (2013.01); **F24H 9/02** (2013.01); **F25B 30/02** (2013.01); **G10K 11/16** (2013.01); **F25B 25/005** (2013.01); **F25B 2339/047** (2013.01); **F25B 2400/071** (2013.01)

Citation (examination)  
• DE 7908625 U1 19790719  
• DE 7608332 U1 19761014  
• FR 2406787 A1 19790518 - BAT BRILAC FRANCE [FR]  
• GB 1277971 A 19720614 - BOFORS AB [SE]  
• DE 7715448 U1  
• DE 2604942 A1 19770811 - SCHMIDT KARL DR ING  
• DE 2509065 A1 19760909 - VOLKSWAGENWERK AG  
• EP 0009786 A1 19800416 - KUEPPERSBUSCH [DE]

Cited by  
DE102011114543A1; DE19820818C2; FR2811059A1; DE19960224A1; FR2871559A1; CN100351590C; DE102019117717A1; GB2483446A; CN103029603A; DE102011114543B4; DE102018115749B4; US6810989B1; EP2159513A1; EP1965153A3; DE102018115749A1; WO2006005832A1; US8888193B2; WO2012032328A1; EP3760432A1

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