

Title (en)  
Air-conditioning apparatus

Title (de)  
Klimaanlage

Title (fr)  
Appareil de climatisation d'air

Publication  
**EP 1914493 A3 20110608 (EN)**

Application  
**EP 07118087 A 20071009**

Priority  
JP 2006277481 A 20061011

Abstract (en)  
[origin: EP1914493A2] An air-conditioning apparatus (1) capable of reliably recovering lubricant accumulated in indoor units (3A,3B,3C) and their refrigerant circuit, regardless of the refrigerant-pipe length differences of the indoor units connected to each other, has been desired, and includes an operating unit (22) configured to carry out liquid return at each indoor unit, to carry out an oil-recovery operation for recovering lubricant accumulated in the refrigerant circuit, and to complete the oil-recovery operation when liquid return is detected at the outdoor unit (2). The operating unit includes a detecting unit configured to detect the refrigerant pipe length of each of the indoor units, a storing unit configured to store the refrigerant pipe lengths detected by the detecting unit, and a control unit configured to change the operation time during the oil-recovery operation on the basis of the refrigerant pipe length of each of the indoor units stored in the storing unit.

IPC 8 full level  
**F25B 31/00** (2006.01); **F25B 49/02** (2006.01); **F25B 13/00** (2006.01)

CPC (source: EP)  
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Citation (search report)

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- [AD] JP 2006183979 A 20060713 - MITSUBISHI HEAVY IND LTD
- [A] GB 2223330 A 19900404 - TOSHIBA KK [JP], et al
- [A] EP 0848214 A2 19980617 - SANYO ELECTRIC CO [JP]

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Designated contracting state (EPC)  
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Designated extension state (EPC)  
AL BA HR MK RS

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**EP 07118087 A 20071009**; CN 200710007708 A 20070129; ES 07118087 T 20071009; JP 2006277481 A 20061011