

Title (en)
AIR-CONDITIONING INSTALLATION

Title (de)
KLIMAANLAGE

Title (fr)
INSTALLATION DE CLIMATISATION

Publication
EP 4296581 A1 20231227 (EN)

Application
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Priority
ES 202231068 U 20220623

Abstract (en)
The invention relates to an air-conditioning installation for heating or cooling several rooms independently, wherein the installation comprises an aerothermal pump (2), heat/cold emitters (3) connected to the aerothermal pump (2), temperature controllers (4) located in each room to set temperatures independently, and a central unit (5) electronically linked to the heat/cold emitters (3), to the temperature controllers (4) and to the aerothermal pump (2) by means of emitter receivers (17), controller receivers (6) and aerothermal receivers (7), respectively, said central unit (5) being configured to send orders to vary the temperature of the drive water to the aerothermal pump (2) by the temperature controllers (4), varying the operating mode of the aerothermal pump (2) remotely.

IPC 8 full level
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Citation (search report)
• [XYI] EP 2103884 A1 20090923 - DAIKIN IND LTD [JP], et al
• [IY] WO 8600976 A1 19860213 - UHR CORP [US]
• [Y] US 2022090803 A1 20220324 - MU BAOJIE [US], et al
• [Y] DE 3332611 A1 19840510 - MITSUBISHI ELECTRIC CORP [JP]
• [A] EP 1113233 A2 20010704 - CARRIER CORP [US]

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