

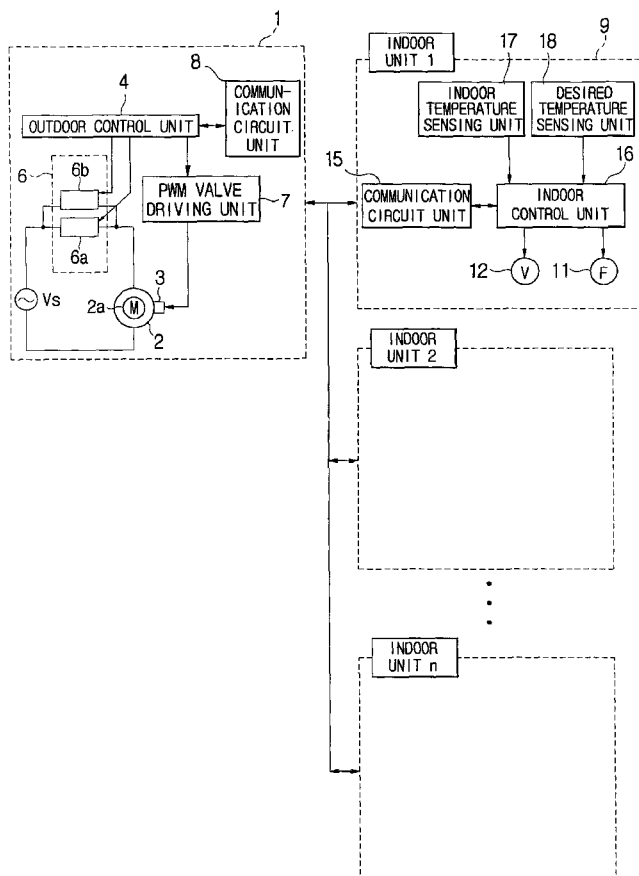


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(54) Title: AIR CONDITIONING UNIT AND METHOD OF OPERATING THE SAME



(57) Abstract: Disclosed herein is an air conditioning unit and method of operating the same. The air conditioning unit has a power level control unit (6) for controlling the level of power supplied to a motor (2a) of a compressor. The power level control unit (6) is comprised of a first supplying unit (6a) for supplying first level power to the compressor motor (2a), and a second supplying unit (6b) for supplying second level power to the compressor motor (2a). If an operation cycle of the compressor corresponds to a loading operation, the power level control unit (6) supplies first level power for compressing a cooling agent through the first supplying unit (6a). Further, if an operation cycle of the compressor corresponds to an unloading operation, the power level control unit (6) supplies second level power less than the first level power through the second supplying unit (6b). Therefore, the present invention is advantageous in that it can reduce undesirable power consumption caused by the compressor motor during the unloading operation.



(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

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