

Title (en)
METHODS AND SYSTEMS FOR CONTROLLING APPLIANCES

Title (de)
VERFAHREN UND SYSTEME ZUR STEUERUNG VON GERÄTEN

Title (fr)
PROCÉDÉS ET SYSTÈMES DE COMMANDE D'APPAREILS

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Abstract (en)
[origin: WO2019114975A1] This invention relates to methods and systems for controlling appliances, particularly climate control appliances such as air conditioning units used in buildings. Embodiments of the invention provide methods and systems which provide a framework of semi-autonomous sensors and actuators which can achieve climate control without the need for centralised or explicit coordination. In certain embodiments, the climate control system is capable of identifying suitable pairings of sensors and actuators and taking into account actions of other actuators. The embodiments have particular application in buildings where large numbers of individual sensors and actuators are deployed in an ad-hoc or unplanned manner over time, but can communicate with each other. The embodiments of the invention can provide improved efficiency, reduced infrastructure costs, improved flexibility and can be deployed across multiple sites.

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