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(57) Abstract :

The present disclosure relates generally to home appliances control system (100). More specifically the present disclosure relates to a system (100) for automatically adjusting swing of an appliance. The system (100) includes one or more imaging units (102), a positioning unit (104), a microcontroller (106) and a motor (108). The imaging units (102) are provided to capture a real-time image of one or more users in a surrounding. A microcontroller (106) is configured to receive the user related information from the positioning unit (104) and to control the appliance to automatically adjust the swing operation through a motor (108). Further the present disclosure relates to a method for automatically adjusting swing of an appliance. Advantageously, the present disclosure relates to a system that is implemented in appliances of various sizes and forms, as standalone devices or integrated or retrofitted into appliances.

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