

Title (en)

A REFRIGERATOR AND A METHOD FOR CONTROLLING THE REFRIGERATOR

Title (de)

EIN KÄLTEGERÄT UND EIN VERFAHREN ZUR REGELUNG DES KÄLTEGERÄTS

Title (fr)

APPAREIL FRIGORIFIQUE ET UN PROCÉDÉ DE RÉGLAGE DE L'APPAREIL FRIGORIFIQUE

Publication

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Application

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Abstract (en)

[origin: WO2012136630A2] According to the invention, the method for controlling a refrigerator (10) comprises the following steps: a. determining the temperature (T) present in a refrigeration space (14); b. comparing the temperature (T) to a maximum temperature (Tmax); c. comparing the temperature (T) to a minimum temperature (Tmin); d. activating a compressor (22) of a refrigeration cycle (20) of the refrigerator (10) when the temperature (T) exceeds the maximum temperature (Tmax); e. deactivating the compressor (22) when the temperature (T) drops below the minimum temperature (Tmin); f. alternately activating the compressor (22) during an activation period (tein) and deactivating the compressor (22) during a deactivation period (taus) when the temperature (T) is below the maximum temperature (Tmax) and above the minimum temperature (Tmin); g. controlling the deactivation period (taus) depending on the temperature (T).

IPC 8 full level

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