

Title (en)
METHOD FOR CONTROLLING A REFRIGERATOR SYSTEM

Title (de)
VERFAHREN ZUR STEUERUNG EINES KÜHLSYSTEMS

Title (fr)
PROCÉDÉ DE COMMANDE D'UN SYSTÈME DE REFROIDISSEMENT

Publication
EP 4123246 B1 20240522 (EN)

Application
EP 22185780 A 20220719

Priority
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Abstract (en)
[origin: EP4123246A1] Method for controlling a refrigerator system comprising a first and a second refrigerated display and a logic control unit, and such method provides for the execution of a first step of cooling the first refrigerated display and a control step. In the control step, the logic control unit calculates a first virtual time (tv1), in which the first internal temperature (Ti1) of the first refrigerated display reaches a first objective temperature (Tobb1), calculates a second virtual time (tv2), in which the second internal temperature (Ti2) of the second refrigerated display reaches the second maximum threshold temperature (Tmax2), calculates the time interval (Δt) that lies between the first virtual time (tv1) and the second virtual time (tv2) and sets a first real time (tr1), at which the first step of cooling the first refrigerated display terminates, and a second real time (tr2), at which a second step of cooling the second refrigerated display starts. The first real time (tr1) is subsequent to the second real time (tr2) in order to at least partially overlap the first cooling step and the second cooling step.

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