

Title (en)
Method for controlling a refrigerating appliance

Title (de)
Verfahren zur Regelung einer Kühlanlage

Title (fr)
Procédé de contrôle d'un appareil frigorifique

Publication
EP 2770282 A1 20140827 (EN)

Application
EP 14155890 A 20140220

Priority
IT TO20130143 A 20130221

Abstract (en)
A method for controlling a refrigerating appliance, the latter comprising: a refrigerating cell (10) and a freezing cell (20); a refrigerating circuit (30) comprising: at least a first and a second evaporators (E1, E2), respectively associated with said refrigerating cell and with said freezing cell (10, 20); a switching device (EV) drivable between a first operating condition, in which it allows a cooling both of said first evaporator (E1), and of said second evaporator (E2), and a second operating condition, in which it only allows cooling of said second evaporator (E2). The method comprises: detecting a parameter representative of a command of activation of said refrigerating circuit (30); detecting one or more operating parameters representative of operating conditions of said refrigerating cell (10) and/or of said freezing cell (20) and defining an initial situation; based on said operating parameters, determining one condition, between said first and second operating conditions of said switching device (EV), which is suitable for said detected initial situation; carrying out a main verification step in order to verify an anomaly in the cooling provided by said refrigerating circuit (30) after its activation; if said anomaly is detected, sending a main signal (S) to said switching device (EV) in order to switch said switching device (EV) into said suitable condition.

IPC 8 full level
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Citation (search report)

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Designated contracting state (EPC)
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