

Title (en)

ICE DETECTION ARRANGEMENT FOR DETECTING THE QUANTITY OF ICE IN THE ICE COMPARTMENT OF A REFRIGERATOR

Title (de)

EISERFASSUNGSANORDNUNG ZUR ERFASSUNG DER EISMENGE IM EISFACH EINES KÜHLSCHRANKS

Title (fr)

SYSTÈME DE DÉTECTION DE GLACE DESTINÉ À DÉTECTER LA QUANTITÉ DE GLACE DANS UN COMPARTIMENT À GLACE D'UN RÉFRIGÉRATEUR

Publication

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Application

**EP 09799234 A 20091127**

Priority

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- BR PI0804946 A 20081128

Abstract (en)

This invention addresses an ice detection array for detecting the quantity of ice cubes in an ice compartment (8) of an icebox, refrigerator or freezer. The array comprises an ice cube receipt and storage compartment (8) with at least one projection (9) on its outer surface, and a resilient device (10) fitted to one of the inner walls (11) of the refrigerator. The resilient device (10) operates jointly with projection (9), varying between a tensioned configuration and an at-rest configuration, depending on the quantity of ice remaining in the ice compartment. The variation of the resilient device (10) between its tensioned configuration and its at-rest configuration trips the low ice indicator circuit that notifies the user that the ice cubes are running low in the compartment.

IPC 8 full level

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