

Title (en)
Humidifying cooling element.

Title (de)
Befeuchtendes Kühlelement.

Title (fr)
Élément refroidisseur humidifiant.

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Application
EP 90201886 A 19900710

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NL 8901785 A 19890711

Abstract (en)
The invention relates to a cooling element (8) to be applied in the field of refrigerated displays. According to the invention the cooling element (8) is provided with means (5) to control the flow of the evaporating liquid through the cooling element (8) such, that during periodical interruptions, the cooling element (8) is heated by heat being present in a part (9) of the cooling element. This avoids dehumidifying of the air flowing through the cooling element (8), so that said air keeps a substantial amount of its water contents and dehumidifying of the food stuffs to be cooled by said air is avoided. The present invention also provides a cooling element (8), in which deposition of ice on the cooling element (8) is substantially reduced. According to a preferred embodiment the cooling element (8) is divided in two parts (9, 10), wherein a control valve (16) has been connected between said two parts (9, 10), the control valve (16) controlling the amount of liquid fed towards the second part (10) of the cooling element (8) is such, that evaporation takes only part in the second part (10) of the cooling element (8).

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)

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