

Title (en)

REFRIGERATING PLATE FOR A REFRIGERATOR OR FREEZER

Title (de)

KÜHLPLATTE FÜR EINEN KÜHL- ODER GERFRIERSCHRANK

Title (fr)

PANNEAU DE REFROIDISSEMENT POUR REFRIGERATEUR OU CONGELATEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005098330A1] The invention relates to a vertical evaporating plate for refrigerating a refrigerator or freezer comprising a roll bond circuit which consists of refrigerant flow channels and comprises a descending and ascending sections, wherein at least a part of channels of the descending section comprises a liquid refrigerant accumulating area of a maximum height (hi), the totality of the heights (hi) is adjustable in such a way that the total volume of the accumulating areas is equal to or greater than half the volume of the liquid refrigerant and each height (hi) is less than 70 % of the entire height of a channel (Hi). The inventive plate makes it possible to improve the thermal efficiency and reduce the sound level of a refrigerator or freezer.

IPC 8 full level

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