

Title (en)
ICE MAKING ASSEMBLY AND REFRIGERATOR

Title (de)
EISHERSTELLUNGSANORDNUNG UND KÜHLSCHRANK

Title (fr)
ENSEMBLE DE FABRICATION DE GLACE ET RÉFRIGÉRATEUR

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Application
EP 21914701 A 20211231

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Abstract (en)
The present invention provides an ice-making assembly, comprising: an ice mold having a plurality of ice cells for containing ice-making water; a refrigerant pipe extending from one end to the other end of the ice mold and located at a bottom of the ice mold; a heating wire located at the bottom of the ice mold and spaced apart from the refrigerant pipe; wherein the ice-making assembly further comprises a heat-conducting member and a bottom cover, the heat-conducting member is disposed between the ice mold and the bottom cover, the refrigerant pipe and the heating wire are positioned between the ice mold and the heat-conducting member, the heat-conducting member supports at least a portion of the refrigerant pipe and at least a portion of the heating wire such that the at least a portion of the refrigerant pipe and the at least a portion of the heating wire are in direct contact with the ice mold to transfer cold and heat to the ice mold; the heat-conducting member comprises a top wall adjacent to the ice mold, an opposite bottom wall and two side walls connecting the top wall with the bottom wall, where the top wall, the bottom wall and the two side walls enclose an airflow chamber which is through in a direction from one end to the other end of the ice mold, heat-dissipating ribs extending from the top wall to the bottom wall are provided in the airflow chamber, a water outlet is formed at an end of the bottom wall, the bottom cover surrounds the bottom wall and the two side walls, and the heat-conducting member is fixed relative to the ice mold via the bottom cover.

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