

Title (en)
EMBEDDED REFRIGERATOR

Title (de)
EINGEBETTETER KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR INTÉGRÉ

Publication
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Application
EP 21857477 A 20210729

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• CN 2021109163 W 20210729

Abstract (en)
[origin: EP4174414A1] An embedded refrigerator. The embedded refrigerator comprises: a refrigerating system comprising a compressor and a condenser; a refrigerator body, a compressor cabin being provided at the back portion of the bottom of the refrigerator body, the compressor and the condenser being arranged in the compressor cabin at an interval in the transverse direction of the refrigerator body, and a bottom wall of the compressor cabin being provided with an air flow suction port in front of the condenser and provided with an air flow discharge port in front of the compressor; a heat dissipation fan provided between the compressor and the condenser; and an air shielding strip provided on a lower surface of the refrigerator body, the middle portion of the air shielding strip being a flexible section that can be bent under force, such that by bending the flexible section, the air shielding strip is in an air shielding state in which a space between the bottom of the refrigerator body and the ground supporting the refrigerator is divided into an air inlet region communicated with the air flow suction port and an air discharge region communicated with the air flow discharge port. According to the solution of the present invention, air at the bottom of the refrigerator body is used for implementing convective heat dissipation with the compressor cabin, a heat dissipation channel is short, and the flexible section of the air shielding strip can effectively avoid damage during transportation.

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• [I] DE 19746962 A1 19990429 - AEG HAUSGERÄTE GMBH [DE]
• [X] CN 110375482 A 20191025 - QINGDAO HAIER CO LTD
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• [I] CN 110375506 A 20191025 - QINGDAO HAIER CO LTD
• [I] CN 208817830 U 20190503 - QINGDAO HAIER CO LTD
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• [I] KR 20100062019 A 20100610 - LG ELECTRONICS INC [KR]
• See also references of WO 2022037382A1

Designated contracting state (EPC)
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