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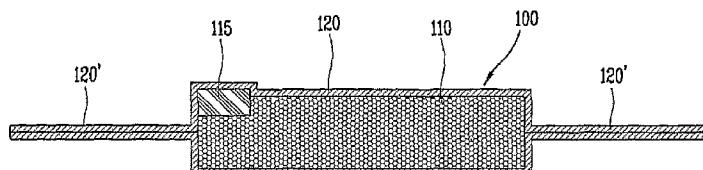
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(54) Title: VACUUM INSULATION PANEL AND INSULATION STRUCTURE OF REFRIGERATOR APPLYING THE SAME



(57) Abstract: A vacuum insulation panel and an insulation structure of a refrigerator applying the same are disclosed. The vacuum insulation panel comprises: a sealing cover (120) having an outermost layer exposed to the outside, a gas shielding layer stacked on the bottom surface of the outermost layer and formed of a thin metal sheet and a metal deposition film, and a heating-fusion bonding layer stacked on the bottom surface of the gas shielding layer and formed of an octane-base material; a core material (110) sealed by the sealing cover (120) in contact with the heating-fusion bonding layer, and provided with an extended insulation portion (130) some parts of which are extended between the bonding portions formed at the sealing cover (120); and a gas permeation preventing layer (125) formed on the sealing cover (120), so that can prevent an external air or moisture from penetrating into a vacuum insulation panel.

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B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPODOC, WPI

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