

Title (en)

Moulded pulp packaging product and method of producing the same

Title (de)

Verpackung aus Fasergussmasse, und Verfahren zu ihrer Herstellung

Title (fr)

Emballage en carton moulé, et son procédé de fabrication

Publication

EP 1632603 A1 20060308 (EN)

Application

EP 04021193 A 20040907

Priority

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Abstract (en)

A paper pulp mold packing structure of frozen foods for Oven and method of producing the same, which is primary produced by adding thermal resistance additives containing anionic compounds with the amount equal to the natural fibers, cross-linking agents containing both nonionic compounds and cationic compounds, into pulp made from fibrous material of paper pulp, non-paper pulp and mixtures thereof, and are mixed with 10 times amount of water to form a moldable pulp. Then, the moldable pulp is applied to the paper pulp molding machine for molding, and a membrane is coated inside the molded foodstuffs packing. The membrane is a PET membrane with thickness of 25μm~80μm, and is adhered to the inner surface of the molded foodstuffs packing by thermosetting adhesives. Foodstuffs packing produced by the above mentioned method can be heated with food at 220°C in the oven about 20~30 minutes and be stored at -35°C.

IPC 8 full level

B32B 29/00 (2006.01); **D21H 27/10** (2006.01)

CPC (source: EP)

D21H 27/10 (2013.01)

Citation (search report)

- [A] US 2002060004 A1 20020523 - KOIKE MOTOMU [JP]
- [A] US 4543280 A 19850924 - FUJITA YUJI [JP], et al

Cited by

CN109252417A; GB2450872B

Designated contracting state (EPC)

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