

Title (en)

MULTILAYER COVER OF A VACUUM DRAWER DEVICE

Title (de)

MEHRLAGIGER DECKEL EINER VAKUUMSCHUBLADENEINRICHTUNG

Title (fr)

COUVERCLE MULTICOUCHE D'UN DISPOSITIF DE TIROIR À VIDE

Publication

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Application

EP 20820909 A 20201207

Priority

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Abstract (en)

[origin: WO2021116044A1] The invention relates to a multilayer cover (2) with a sandwich design for placing on a drawer (3) of a vacuum drawer device (0), said cover allowing an evacuation of the drawer interior (R) after sealing against the drawer (3), wherein the cover (2) has at least one outer air-tight cover layer (22', 22'') and a core layer (21'), and recesses (A) are molded into the core layer (21') and partly into one of the at least one outer cover layer (22''), an evacuation channel, a pump, and at least one sensor being arranged therein. The cover is to have a more compact design with a very low height, resulting in a minimal susceptibility to malfunction. This is achieved in that a printed circuit board (20') is arranged on one of the at least one outer air-tight cover layers (22', 22'') so as to face the core layer (21') or the at least one outer air-tight cover layer (22', 22'') is designed as a printed circuit board (20') on which the core layer (21') lies and on which the electric components integrated into the cover (2) are mechanically held and are electrically connected.

IPC 8 full level

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