

Title (en)

METHOD AND DEVICE FOR SHRINKING A SHRINKABLE HOOD DRAWN OVER A STACK OF GOODS

Publication

EP 0116124 B2 19921104 (DE)

Application

EP 83110893 A 19831102

Priority

DE 8236854 U 19821230

Abstract (en)

[origin: US4562689A] In order to package a stack of goods in an envelope of heat-shrinkable plastic material such as polyethylene, with prevention of adhesion between the envelope and the goods which may themselves be wrapped in similar sheet material, the stack is placed on a pallet and is covered by the envelope whose lower rim is clamped between the legs of the pallet and an apertured supporting surface such as an upper run of a chain conveyor. The envelope is then inflated from below, by way of the supporting surface, with a low-temperature gas such as ambient air, to establish significant clearances between the stack and the inner surface of the envelope which is then thermally shrunk around the stack by training jets of hot gas onto its outer surface. In zones where the envelope is in contact with the stack, as along edges of the latter, the heating intensity may be reduced to avoid fusion with individual wrappings.

IPC 1-7

B65B 53/06

IPC 8 full level

B65B 53/00 (2006.01); **B65B 53/06** (2006.01)

CPC (source: EP US)

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Cited by

EP0283541A1; US5203350A; EP0205135A1; DE4336387C1; DE4342490A1; DE3932782A1; CZ302643B6; EP0649791A1; DE4423513C1; US5502947A; DE4426369C1; FR2792610A1; EP2918502B1

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