

Title (en)

Machine and method for packaging a palettized load by means of a heat shrinkable sleeve.

Title (de)

Vorrichtung und Verfahren zum Verpacken einer palettisierten Ladung mittels eines Heisssschrumpfschlauches.

Title (fr)

Machine et procédé d'emballage d'une charge palettisée à l'aide d'une gaine thermorétractable.

Publication

EP 0678452 A1 19951025 (FR)

Application

EP 95400868 A 19950419

Priority

FR 9404862 A 19940422

Abstract (en)

The procedure delivers the load to a wrapping position by a conveyor (1). A sleeve (4) is placed over the load to cover at least two of its side faces and so that the lower end of the sleeve projects below the level of the pallet. The pallet is lifted above the conveyor and the projecting end of the sleeve is fixed under it by thermo-shrinking, after which the remainder of the sleeve is heated to shrink it onto the load. During the stage in which the lower end of the sleeve is thermo-shrunk under the pallet the remainder of the sleeve is held against the load without mechanical contact, preferably by blowing cold air onto it through a hollow bar with nozzles. In addition, the lower end of the sleeve is cooled after thermo-shrinking and before replacement on the conveyor to prevent deterioration. <IMAGE>

Abstract (fr)

La présente invention se rapporte à un procédé d'emballage d'une charge par chauffage d'une housse ou gaine thermorétractable et à une machine d'emballage automatique par chauffage d'une housse ou gaine thermorétractable. Selon l'invention, l'on assure, de préférence, par soufflage le maintien sous la palette du bord inférieur de la gaine pendant son accrochage et antérieurement à la rétraction de la gaine au niveau de la charge. La présente invention s'applique principalement au suremballage des charges palettisées. <IMAGE>

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IPC 8 full level

B65B 53/06 (2006.01)

CPC (source: EP)

B65B 53/066 (2013.01)

Citation (search report)

- [XA] EP 0283541 A1 19880928 - VFI VERPACKUNGSTECH [DE]
- [A] FR 2082861 A5 19711210 - HURDEQUINT LOUIS
- [A] FR 2644136 A1 19900914 - BALGROS JACQUES [FR]

Cited by

CN110641788A; CN110834771A; CN104787397A; DE102006058025A1; EP1048571A1; FR2792609A1; US8807130B2

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