

Title (en)

Assisted-delivery, pre-stretching unit for a pallet-wrapping apparatus

Title (de)

Vorstreck-Vorrichtung mit unterstützter Förderung für eine Maschine zum Umhüllen von Paletten

Title (fr)

Appareil pour la distribution assistée et le préétirage pour une machine d'emballage pour palette

Publication

**EP 1690792 A1 20060816 (EN)**

Application

**EP 06101428 A 20060208**

Priority

IT MI20050183 A 20050209

Abstract (en)

A pre-stretching unit is disclosed for a pallet-wrapping apparatus, of the type comprising a series of driven rollers (11, 12) apt to stretch a film (P) of a stretchable material before the application thereof to a load (C) to be packaged, at least one of said driven rollers (11, 12) being connected to a power input, and wherein between said power input and said at least one driven roller a dosable energy transfer mechanism is provided, apt to transfer a constant energy which is equal or slightly below that necessary to drive into rotation the pre-stretching unit in the absence of tension on the stretch film (P).

IPC 8 full level

**B65B 11/02** (2006.01)

CPC (source: EP)

**B65B 11/025** (2013.01); **B65B 2210/16** (2013.01)

Citation (applicant)

- US 4934123 A 19900619 - SALZSAULER ROY [CA]
- US 2003110737 A1 20030619 - LANCASTER PATRICK R [US], et al
- US 5311725 A 19940517 - MARTIN STUART [US], et al

Citation (search report)

- [X] US 4934123 A 19900619 - SALZSAULER ROY [CA]
- [X] US 5311725 A 19940517 - MARTIN STUART [US], et al
- [X] US 2003110737 A1 20030619 - LANCASTER PATRICK R [US], et al
- [A] EP 0842850 A2 19980520 - LANTECH TECHNOLOGY INVESTMENT [US]

Cited by

EP2147864A1; EP2468635A1; ITRA20100042A1

Designated contracting state (EPC)

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