Title (en)

A process and apparatus for making a unitary package by wrapping a load.

Title (de)

Verfahren und Vorrichtung zur Herstellung einer Einzelverpackung durch Umwickeln einer Ladung.

Title (fr)

Procédé et appareil pour la fabrication d'un emballage unitaire par enveloppement d'une charge.

Publication

EP 0152959 A2 19850828 (EN)

Application

EP 85101958 A 19850222

Priority

US 58277984 A 19840223

Abstract (en)

A process and apparatus for high speed continuous film web wrapping of uniform loads, in which a first wrap is applied in a first direction transverse to the path of the moving load and a second wrap is applied in a second direction opposite the first direction. This dual wrap nullifies the disabling effects of helical wrap bias when a single wrap is applied to a moving load, and produced a longitudinal containment force after film web recovery over time on leading and trailing ends of the load. In the apparatus (30) two wrapping stations (36, 436) are provided together with a wrapping conveyor assembly (32). Each station (36, 436) includes a dispensing rig (44, 444) on which a film roll and an elongation mechanism (70, 470) are mounted. The regulation of elongation in the elongation mechanism (70, 470) and the regulation of film supply speed from the elongation mechanism (70, 470) are independent of film demand speed at the load. The film web is strechted beyond its yield point at ambient temperature.

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CPC (source: EP)

B65B 11/008 (2013.01); **B65B 11/58** (2013.01)

Cited by

US10597181B2; DE4121573A1; AU700740B2; US4866909A; CN107031904A; DE102017204231A1; CN110182398A; CN114834666A; CN113665867A; CN115258314A; EP0224766A1; AU595254B2; CN116978637A; EP0197574A1; CN111516922A

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DOCDB simple family (application)

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