

Title (en)

Automatic wrapping machine for packaging products, particularly palletized units, to be wrapped with a thermoretractible tubular film.

Title (de)

Automatische Maschine zum Verpacken von Gegenständen, insbesondere Palettenladungen, mit einer heiss-schrumpfbaren Schlauchfolie.

Title (fr)

Machine d'enveloppement automatique pour emballer des produits, spécialement des unités palettisées, qui doivent être enveloppées avec un film tubulaire thermorétractable.

Publication

EP 0395919 A1 19901107 (EN)

Application

EP 90106872 A 19900410

Priority

IT 2034389 A 19890502

Abstract (en)

An automatic wrapping machine for packaging products, materials and palletized units, to be wrapped with a thermoretractible tubular film, comprises a casing (1), at the centre of which the material to be packaged is positioned in order to receive a wrapping of thermoretractible tubular film formed as a bag with bottom at the top, and is equipped with heating means to carry out the thermoretraction of said film after the material has been wrapped therewith. According to the invention, said machine is provided with a plurality of movable gripper members (6), by means of which said film wrapping is picked up in the form of a bag at the side of said casing, is lifted, is opened and is transferred into said casing above the material to be packaged, as a prismatic bag, being then lowered so as to wrap said material. Said gripper members consist of pairs of grippers which grip the folded tubular film on four edges. The machine also provides for the reel (B) feeding the thermoretractible tubular film to be rotatably supported between two end cones (10) suspended by means of flexible elements (9) to the machine casing. Furthermore, said heating means to carry out the thermoretraction of the film consist of a ring furnace (8).

IPC 1-7

B65B 9/13

IPC 8 full level

B65B 9/13 (2006.01)

CPC (source: EP)

B65B 9/135 (2013.01)

Citation (search report)

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- [A] DE 1940783 B1 19710318 - KELLER & CO C
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Designated contracting state (EPC)

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