

Title (en)

PACKAGING METHOD AND MACHINE IN EXTENSIBLE FILM OF PRODUCTS FED IN GROUPS

Title (de)

VERPACKUNGSVERFAHREN UND -MASCHINE IN DEHNBARER FOLIE VON IN GRUPPEN ZUGEFÜHRTE PRODUKTEN

Title (fr)

PROCÉDÉ ET MACHINE D'EMBALLAGE SOUS FILM EXTENSIBLE DE PRODUITS ACHEMINÉS EN GROUPES

Publication

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Application

**EP 17703158 A 20170206**

Priority

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- EP 2017052566 W 20170206

Abstract (en)

[origin: WO2017137360A1] Packaging method in extensible film of groups of products (11) advancing in pairs of adjacent products, keeping them thus ordered and spaced; feeding and passing the groups of ordered products into a first ring winding unit (14) of extensible film and winding the groups of products (11) in a first film in a first rotation direction forming a continuous packaging or bundle; advancing and feeding the groups of products already wound in the first winding unit with a first film to a second ring winding unit (15) of extensible film in a second film in a second rotation direction opposite to the first rotation direction, forming a continuous packaging with two layers of film wound in opposite directions; advancing and feeding the continuous packaging into a cutting unit (16), which moves in synchrony with said continuous packaging and which cuts the continuous packaging transversally into finished groups of products (11); being, upstream of said first ring winding unit (14), said two rows of products ordered into groups of products (11), spaced apart and separate from each other, after which said groups of separate spaced products are subjected to the subsequent steps of the method; being said winding step of said groups of products in said film in said two ring winding units (14, 15), selectively and alternately actuated by means of one of two ring winding machines (32) provided for each of said two ring winding units (14, 15) thus effecting a continuous winding of groups of products also in the exhaustion phase of said film in at least one of said two ring winding machines (32) provided for each of said two ring winding units (14, 15). A packaging machine is also provided in extensible film of products (11) fed forwards in groups in pairs of adjacent products (11) comprising an ordering unit (13) for two continuous rows of groups of adjacent products (11) and keeping them thus ordered, a first ring winding unit (14) and a second ring winding unit (15) which effects a winding in an opposite direction with respect to that of the first winding unit (14), a cutting unit (16) of the continuous packaging thus formed to create finished groups of products (11), wound in an extensible film of plastic material and forming a final packaging, wherein both the ring winding units (14, 15) each provide two ring winding machines (32) that can be selectively and alternatively actuated to form the continuous packaging.

IPC 8 full level

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CPC (source: EP RU US)

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