

Title (en)

Method and apparatus for forming tube-like bags

Title (de)

Methode und Apparat für die Formung von Schlauchbeuteln

Title (fr)

Méthode et dispositif pour la formation des sacs tubulaires

Publication

EP 1712468 A2 20061018 (EN)

Application

EP 05466020 A 20051201

Priority

- CZ 2005232 A 20050413
- CZ 2005681 A 20051031

Abstract (en)

On the band-shaped package material (1) a first stiffening lengthwise welded edge (5) is formed in a formation station (2). Then the package material (1) is formed on a profiling collar (3) into a lengthwise unclosed tube (6). A second longitudinal fold is formed by a spacing member (7), in first longitudinal welding jaws (9) a second stiffening lengthwise welded edge (8) is welded and formed. At the same time, the tube (6) is welded in the longitudinal direction in second longitudinal welding jaws (11) whereby a third stiffening lengthwise welded edge (12) is formed. As to the bags (19) provided with a closure a feeder (17) inserts between the inner surfaces of the package material (1) the closure (16) before welding the third stiffening lengthwise welded edge (12). Upon welding the third stiffening lengthwise welded edge (12) the closure (16) is tightly joined to the package material (1). The tube (6) is closed by transversal welding jaws (13) which form the first transversal weld (14). The goods to be packed are dosed into the transversally and lengthwise closed tube (6) by means of a filling tube (4). Upon transversal closing the tube (6) the bag (15) formed and filled up in the previous working cycle is simultaneously closed and separated from the tube (6).

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2263866A3; EP3828089A1; US9663282B2; US9630761B2; US10118741B2; US11027892B2; US9688442B2; US9708104B2; US9656783B2; US9919855B2; US10829285B2

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