

Title (en)

Machine for automatic packaging of articles in containers obtained from tubular blanks

Title (de)

Vorrichtung zum automatischen Verpacken von Gegenständen in, aus schlauchförmigen Zuschnitten hergestellten, Verpackungen

Title (fr)

Machine pour l'emballage automatique d'objets dans des récipients obtenus à partir de flans tubulaires

Publication

EP 0734948 A1 19961002 (EN)

Application

EP 96830171 A 19960329

Priority

IT BO950140 A 19950330

Abstract (en)

The machine includes a device (1) for collecting tubular blanks (2) and for setting them up into container, that is equipped with first gripping means (6) movable on a vertical longitudinal plane for transferring single tubular blanks (2) from a collecting station (4) to a conveying line (8) in the region of a container set up station (9), and with second gripping means (26) which cooperate with the first gripping means (6) to form a container (20). The machine includes also a device (30) for forming regular groups (110) of articles (11), that is equipped with pick up means (34) movable on a vertical plane transversal to the conveying line (8) for transferring rows of articles (11) from a feeding line (10) to a station (12), where a regular group (110) of articles (11) is built up. In the region of the grouping station (12), pusher means (48) act to introduce the group (110) into a container (20). There is also provided a device (55) for closing the container (20), situated downstream of the set up station (9) and along the conveying line (8). <IMAGE>

IPC 1-7

B65B 5/02

IPC 8 full level

B65B 5/02 (2006.01)

CPC (source: EP)

B65B 5/024 (2013.01); **B65B 5/06** (2013.01); **B65B 35/38** (2013.01); **B65B 35/40** (2013.01); **B65B 35/50** (2013.01); **B65B 43/185** (2013.01); **B65B 43/305** (2013.01)

Citation (search report)

- [A] FR 2532912 A1 19840316 - THERMOPAC [CH]
- [A] WO 9505312 A1 19950223 - PRAKKEN BOUWE [NL]
- [A] EP 0036398 A1 19810923 - BSP PACKAGING SYSTEM [IT]

Cited by

IT202200004982A1; IT202200002918A1; CN103496468A; EP1035018A1; IT202200004991A1; EP1371564A1; CN1294051C; US7146784B1; US7604258B2; US6915622B2; WO2023175638A1; WO2023157033A1; WO2023067469A1; WO2022259279A1

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