

Title (en)

Apparatus to form a tubular bag of the type with corners reinforced by sealing

Title (de)

Schlauchbeutelmaschine zum Herstellen von Beuteln mit durch Versiegeln verstärkten Kanten

Title (fr)

Dispositif pour former un sachet tubulaire du type à arêtes renforcées par soudage

Publication

**EP 1612145 A1 20060104 (EN)**

Application

**EP 05011422 A 20050526**

Priority

IT TV20040074 A 20040629

Abstract (en)

Apparatus suitable for the continuous flow formation of tubular bags, starting with a film, for example, made of heat-sealable plastic synthetic material, particularly for the packing of loose foodstuffs supplied by a pre-packed filling and forming pipe obtained from tubular bags of the type with the longitudinal corners reinforced by sealing, said film unwound from a coil or extruder upstream of the apparatus is forced by means of a collar to be turned, in such a way as to wrap the vertical filling pipe, and in which the forming of the corners takes place starting with the film that first assumes a rectangular section generated by the collar, and then, by means of deforming plate components that make provision for the entry of four sides, generating the four corners with folded flaps that once folded and sealed form the four longitudinal reinforcements.

IPC 8 full level

**B65B 9/22** (2006.01); **B65B 9/20** (2012.01)

CPC (source: EP)

**B65B 9/2042** (2013.01); **B65B 9/22** (2013.01); **B65B 9/2056** (2013.01); **B65B 2220/10** (2013.01); **B65B 2220/12** (2013.01)

Citation (search report)

- [XY] FR 1333502 A 19630726 - HOEFLIGER & KARG
- [X] US 4215520 A 19800805 - HEINZER HANS [CH], et al
- [Y] WO 2004041646 A1 20040521 - ICA SPA [IT], et al
- [A] US 2003104096 A1 20030605 - DRUT HENRY [DE]
- [A] US 2001005979 A1 20010705 - KUSS GERHARD [DE], et al

Cited by

ITTV20090118A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1612145 A1 20060104**; IT TV20040074 A1 20040929

DOCDB simple family (application)

**EP 05011422 A 20050526**; IT TV20040074 A 20040629