

Title (en)

Packaging machine equipped with a system to form a tube

Title (de)

Mit einer Schlauchformeinrichtung versehene Verpackungsmaschine

Title (fr)

Machine d'emballage équipée d'un système pour former un tube

Publication

EP 0806346 A3 19980909 (DE)

Application

EP 97106684 A 19970423

Priority

DE 19618559 A 19960509

Abstract (en)

[origin: EP0806346A2] The packing machine packs objects (4) in foil (5). It has a device (1) to form a hose (6) from the originally flat foil, and a transporting device to carry the objects into the hose. The hose forming device has several pair of form edges (12,17,18) to turn the foil. The form edges are arranged relative to each other so that the path over the form edges along lines parallel to the edges of the foil from the input of the foil into the hose forming device to its output from it in the edge region of the foil is shorter than in the middle of the foil.

IPC 1-7

B65B 9/06

IPC 8 full level

B65B 9/06 (2012.01); **B65B 57/12** (2006.01); **B65B 59/02** (2006.01)

CPC (source: EP US)

B65B 9/06 (2013.01 - EP US); **B65B 57/12** (2013.01 - EP US); **B65B 59/001** (2019.04 - EP US); **B65B 59/003** (2019.04 - EP US); **B65B 59/02** (2013.01 - EP US); **B65B 2009/063** (2013.01 - EP US)

Citation (search report)

- [A] US 3636826 A 19720125 - BOWEN BURLIE R, et al
- [A] FR 2375032 A1 19780721 - ROVEMA GMBH [DE]
- [A] GB 2165202 A 19860409 - GRACE W R & CO
- [AD] DE 4021934 A1 19920116 - HAUSSMANN PACKMASCHINEN GMBH [DE]
- [A] US 4537016 A 19850827 - SHANKLIN FRANK G [US], et al
- [A] GB 2003442 A 19790314 - GRAM BRDR AS

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0806346 A2 19971112; **EP 0806346 A3 19980909**; **EP 0806346 B1 19990818**; DE 19618559 A1 19971113; DE 59700342 D1 19990923; EP 0941927 A2 19990915; EP 0941927 A3 20000412; ES 2138412 T3 20000101; US 5799470 A 19980901

DOCDB simple family (application)

EP 97106684 A 19970423; DE 19618559 A 19960509; DE 59700342 T 19970423; EP 99108893 A 19970423; ES 97106684 T 19970423; US 85252697 A 19970507