

Title (en)  
DEVICE FOR PRODUCING THERMOPLASTIC BAGS OR SACKS FROM A TUBULAR SHEATH SUPPLIED PREFERABLY WITH SIDEFOLDS

Publication  
**EP 0294582 B1 19920812 (DE)**

Application  
**EP 88106848 A 19880428**

Priority  
DE 3715685 A 19870511

Abstract (en)  
[origin: EP0294582A2] The respective front end of the tubular sheath which is provided with a welded base seam and hangs down freely in the vertical direction can be advanced intermittently by means of guiding and feeding rollers, in each case by one bag or sack length, between welding jaws of a welding apparatus which perform opening and closing movements in a horizontal plane. A transverse cutting means is arranged beneath the welding jaws. Underneath said cutting means, there are provided on a transporting apparatus pairs of grippers (15) which feed the bags or sacks in a hanging fashion, which are separated from the tubular sheath and are provided with welded base seams, in a hanging fashion with a horizontal conveying direction to a transfer apparatus which transports said bags to a filling station, via a cooling section for cooling the welded base seams. So that the grippers essentially carry out no idling strokes during the intermittent drive of the transporting apparatus, the transporting apparatus consists of a hub-like and intermittently driven supporting piece (9) having radial arms (9a) which is rotatably mounted on a vertical shaft (8), at the free ends of which arms the grippers (14, 15, 17) which are provided in pairs are arranged.

IPC 1-7  
**B31B 23/00**

IPC 8 full level  
**B29D 22/00** (2006.01); **B31B 23/00** (2006.01); **B31B 50/64** (2017.01); **B31B 70/00** (2017.01); **B31B 155/00** (2017.01); **B31B 160/10** (2017.01)

CPC (source: EP US)  
**B31B 70/00** (2017.07 - EP US); **B31B 70/022** (2017.07 - EP US); **B31B 2155/00** (2017.07 - EP US); **B31B 2155/003** (2017.07 - EP US); **B31B 2160/10** (2017.07 - EP US); **Y10T 156/1313** (2015.01 - EP US); **Y10T 156/17** (2015.01 - EP US)

Citation (examination)  
DE 2950553 A1 19810702 - ROVEMA GMBH [DE]

Cited by  
EP2522582A1; WO2023117747A3

Designated contracting state (EPC)  
BE DE ES FR GB IT NL

DOCDB simple family (publication)  
**EP 0294582 A2 19881214; EP 0294582 A3 19890322; EP 0294582 B1 19920812**; DE 3873627 D1 19920917; ES 2033999 T3 19930401; JP S63299920 A 19881207; US 4913765 A 19900403

DOCDB simple family (application)  
**EP 88106848 A 19880428**; DE 3873627 T 19880428; ES 88106848 T 19880428; JP 11231688 A 19880509; US 19044288 A 19880505