

Title (en)
PACKAGING APPARATUS

Title (de)
VERPACKUNGSVORRICHTUNG

Title (fr)
APPAREIL DE CONDITIONNEMENT

Publication
EP 0687238 A4 19980422 (EN)

Application
EP 94911322 A 19940324

Priority
• NZ 9400024 W 19940324
• NZ 24726793 A 19930326

Abstract (en)
[origin: WO9422723A1] Apparatus is disclosed for producing discrete packaging elements which can be individually varied in length so that they can be used for packaging articles such as cuts of meat which vary in length. The apparatus comprises drive rolls (22, 26) for feeding plastics packaging material (14) through a cut off device (24). Where the material is in the form of a flat tube, the apparatus may also comprise a heat sealing device (50, 52) to form the tube into a bag. A proximity sensor (56) is provided adjacent the cut off device and immobilises the drive rolls when it detects the presence of a leading portion of the material. This leading portion is cut off to form a packaging element. In one mode of operation the sensor actuates a switch (S1) when the element is removed, and causes the drive rolls to immediately feed another leading portion of the material. In another mode of operation, a second switch (S2) must be closed to operate the drive rolls. This second switch may be closed by a human operator or by a remote machine which electronically measures the length of each article to be packaged. Hand operated electronic controls are provided to set the length of each element before it is produced. The controls vary the number of revolutions of the drive rolls, the rotational speed thereof or the period of rotation thereof. These controls can be adjusted to set the length of a following element while a first element is being produced.

IPC 1-7
B65B 57/04; **B65B 43/04**

IPC 8 full level
B65B 9/13 (2006.01); **B65B 41/12** (2006.01); **B65B 57/04** (2006.01)

CPC (source: EP)
B65B 9/13 (2013.01); **B65B 41/12** (2013.01); **B65B 57/04** (2013.01)

Citation (search report)
• [X] US 5041070 A 19910820 - BLASER GILES R [US]
• [X] US 4406251 A 19830927 - NERI BRUNO [IT], et al
• [X] EP 0044820 A1 19820127 - PITTACUS AG [LI]
• [X] EP 0092760 A2 19831102 - HOBART CORP [US]
• [X] WO 9302924 A1 19930218 - MACHINERY DEVELOPMENTS LIMITED [NZ], et al
• See references of WO 9422723A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9422723 A1 19941013; AU 6387294 A 19941024; AU 686608 B2 19980212; AU 686608 C 19941024; DE 69430908 D1 20020808; DE 69430908 T2 20030227; EP 0687238 A1 19951220; EP 0687238 A4 19980422; EP 0687238 B1 20020703

DOCDB simple family (application)
NZ 9400024 W 19940324; AU 6387294 A 19940324; DE 69430908 T 19940324; EP 94911322 A 19940324