Title (en)
CLOSING DEVICE AND METHOD FOR CLOSING TUBULAR PACKAGINGS

Title (de)
SCHLIESSVORRICHTUNG UND VERFAHREN ZUM VERSCHLIESSEN VON SCHLAUCHVERPACKUNGEN

Title (fr)
DISPOSITIF DE FERMETURE ET PROCEDE POUR FERMER DES EMBALLAGES TUBULAIRES

Publication
EP 1606166 B1 20060705 (DE)

Application
EP 04721175 A 20040317

Priority
• EP 2004002745 W 20040317
• DE 10312569 A 20030321

Abstract (en)
[origin: WO2004083040A1] The invention relates to a closing device for closing tubular packagings filled with a product, especially food. Said device comprises at least three closing elements (10) can be displaced relative to each other such that a closing opening (12) can be reduced in size. In order to close the tubular packaging, a locking clip (16) is placed around the tubular packaging as a result of displacement of the closing elements (10). According to the invention, a positioning element (24) is provided in order to connect, in a precise manner, the two ends of the locking clip which is preferably made of plastic. A first end (22) of the locking clip is placed on the positioning element (24) in a connection position, whereby the second end (32) of the locking clip, in said connection position, is brought into contact with the first end (22) of the locking clip (16).

IPC 8 full level
B65B 13/18 (2006.01); **B65B 9/12** (2006.01); **B65B 51/04** (2006.01); **B65D 33/16** (2006.01); **B65D 63/10** (2006.01)

CPC (source: EP)
B65B 9/12 (2013.01); **B65B 51/04** (2013.01); **B65D 33/1616** (2013.01); **B65D 63/1027** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004083040 A1 20040930; AT E332270 T1 20060715; DE 10312569 A1 20041007; DE 10312569 B4 20060601; DE 502004000926 D1 20060817; EP 1606166 A1 20051221; EP 1606166 B1 20060705

DOCDB simple family (application)
EP 2004002745 W 20040317; AT 04721175 T 20040317; DE 10312569 A 20030321; DE 502004000926 T 20040317; EP 04721175 A 20040317