

Title (en)
Container-closing device.

Title (de)
Vorrichtung zum Verschliessen von Behältern.

Title (fr)
Dispositif de fermeture de récipients.

Publication
EP 0209890 A1 19870128 (DE)

Application
EP 86110048 A 19860722

Priority
DE 3526312 A 19850723

Abstract (en)
1. A device for closing containers (13), preferably pre-prepared food dishes, which in each case comprise a circumferential rim flange (14), by means of a flexible lid (10) formed entirely or partially from metallic ribbon or metal foil, which device (9) comprises a flanging frame (23) divided into a plurality of displaceable sections (23'), which are used for flanging the respective lid (10) around the rim flange of the respective container, the sections (23') of the flanging frame (23) being displaceably held and guided on at least one retaining part (19) by means of hinged bars (21, 22) and the device also comprising at least one upper part (11), which is displaceable relative to the retaining part (19) and against which the respective lid (10) can come to rest, characterised in that the sections (23') of the flanging frame (23) can be held and guided on the retaining part (19), of which there is at least one, by means of link quadrilaterals (60) which comprise the hinged bars (21, 22), such that the link quadrilaterals (60) allow for the inward and upward movements of the sections (23') relative to at least one upper part (11), which movements are necessary for the flanging.

Abstract (de)
Vorrichtung zum Verschließen von Behältern (13). Sie weist einen in mehrere bewegliche Sektionen (23') unterteilten Bördelrahmen (23) auf, dessen Sektionen dem Umbördeln des jeweiligen Deckels um den Randflansch des jeweiligen Behälters dienen. Zum verschmutzungsunempfindlichen Bewegen der Sektionen des Bördelrahmens sind diese mittels Gelenkvierecken (60) an einem Halteteil (19) beweglich gehalten und geführt, wobei diese Vorrichtung ferner ein Oberteil (11) aufweist, das beim Umbördeln des jeweiligen Deckels für diesen ein Widerlager bildet.

IPC 1-7
B65B 7/28

IPC 8 full level
B65B 7/28 (2006.01)

CPC (source: EP)
B65B 7/2857 (2013.01)

Citation (search report)
• [A] FR 2204534 A1 19740524 - SCHIERLE EUGEN [DE]
• [A] FR 2464190 A1 19810306 - HD EKCO NV [BE]

Cited by
EP0526950A1; EP4166460A3

Designated contracting state (EPC)
AT BE DE FR

DOCDB simple family (publication)
EP 0209890 A1 19870128; EP 0209890 B1 19890111; AT E39894 T1 19890115; DE 3661710 D1 19890216

DOCDB simple family (application)
EP 86110048 A 19860722; AT 86110048 T 19860722; DE 3661710 T 19860722