

Title (en)

Automatic device for gripping and holding flexible bag-shaped containers and by means of independent gripping units

Title (de)

Automatische Vorrichtung zum Greifen und Halten von flexiblen sackförmigen Behältern mittels unabhängiger Greifer

Title (fr)

Dispositif automatique pour saisir et supporter des récipients flexibles en forme de sacs au moyen de pinces indépendantes

Publication

EP 0778206 A3 19990120 (EN)

Application

EP 95202423 A 19950907

Priority

IT MI951324 A 19950620

Abstract (en)

[origin: EP0778206A2] Automatic device for gripping and holding containers (20, 120) in the form of a bag and the like made of flexible material in particular for automatic packaging machines (100) comprising two pincer-type gripping units (9) located opposite one another and independent of one another, each of which is mounted on an associated upright (5) integral with a base (2) and movable in translation on the base itself with respect to the axis (X-X) of vertical symmetry of the container (20, 120), said gripping units being operated so as to perform a synchronized rotational movement away from and towards said axis of symmetry via first operating means (6, 8, 7, 16), cooperating with means (106) integral with the packaging machine (100), and so as to open and close via second operating means (11, 10, 18b, 18), cooperating with associated means (111) integral with the machine (100) and acting against the recall action of elastic elements (12). <IMAGE>

IPC 1-7

B65B 43/46; **B65B 59/00**

IPC 8 full level

B65B 43/46 (2006.01)

CPC (source: EP)

B65B 43/465 (2013.01)

Citation (search report)

- [X] US 4353198 A 19821012 - KOPPE ROBERT G
- [X] FR 2312411 A1 19761224 - THIMONNIER SA [FR]
- [A] DE 2653995 A1 19770623 - AZIONARIA COSTRUZIONI ACMA SPA

Cited by

FR2876173A1; EP1832517A1; DE102012022224A1; ES2229836A1; EP0908386A1; US6073424A; CN1069594C; US9802724B2

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