

Title (en)

A rolling head for tightening sealing capsules of a yielding material around the necks of bottles of wine, liqueur, and the like

Title (de)

Kugelgelenkkopf zur Befestigung von Versiegelungskapseln eines Ertragsmaterials um Flaschenhalse für Wein-, Likör- und ähnliche Flaschen

Title (fr)

Enrouleuse pour serrer des capsules d'étanchéité d'un matériau coulissant autour des goulots des bouteilles de vin, liqueur et similaires

Publication

EP 2058271 A1 20090513 (EN)

Application

EP 07425766 A 20071203

Priority

IT TO20070791 A 20071107

Abstract (en)

The rolling head (20) is installable on a rolling machine in which the bottle is movably supported in a vertical direction with respect to the head between a resting position non interfering with the head, and operative positions interfering with the head. A housing is (64) pivotally supported about a vertical axis under control of motor means (74). A plurality of arms (68) are hinged to the housing (64) about respective tangential axes, and each of them pivotally supports a roller (72) about an axis lying at right angles to the hinging axis of the arm. Each arm can swing between a working position in which the roller (72) is near the axis of rotation of the housing (64), and a non-working position in which the roller is spaced from the axis of rotation of the housing (64). The arms (68) are biased to said working position by remote-controlled driving means (60, 176, 280) for controlling the pressure applied by the respective rollers (72) on the neck of a bottle arranged coaxial to the axis of rotation of the housing (64).

IPC 8 full level

B67B 5/03 (2006.01)

CPC (source: EP)

B67B 5/032 (2013.01)

Citation (search report)

- [A] FR 843460 A 19390704 - BETTS & BLANCHARD ETS
- [A] EP 1103514 A1 20010530 - GRUPPO BERTOLASO SPA [IT]
- [A] US 3039250 A 19620619 - ALEXANDER PANCRAZI

Cited by

ITRE20110082A1; FR2935966A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2058271 A1 20090513; EP 2058271 B1 20100414; AT E464268 T1 20100415; DE 602007005952 D1 20100527; ES 2344927 T3 20100909; IT TO20070791 A1 20090508

DOCDB simple family (application)

EP 07425766 A 20071203; AT 07425766 T 20071203; DE 602007005952 T 20071203; ES 07425766 T 20071203; IT TO20070791 A 20071107