

Title (en)

APPARATUS FOR AUTOMATICALLY PLACING WIRE COLLARS WITH A HANGING TAG ON BOTTLES

Title (de)

VORRICHTUNG ZUM AUTOMATISCHEN PLATZIEREN VON DRAHTGESTELLEN MIT EINEM HÄNGEETIKETT AUF FLASCHEN

Title (fr)

APPAREIL POUR PLACER AUTOMATIQUEMENT DES COLLIERS DE FIL AVEC UNE ÉTIQUETTE DE SUSPENSION SUR DES BOUTEILLES

Publication

EP 3822184 A1 20210519 (EN)

Application

EP 20206771 A 20201110

Priority

IT 201900021198 A 20191114

Abstract (en)

Method and apparatus for automatically placing a wire collar with a hanging tag (C) on a container such as a bottle (B), comprising: tag feeding means (13) for feeding single tags in sequence over a horizontal plane (XY) in a feeding direction (X) from a first tag storage area (1), towards a second area (2) comprising wire insertion means (21) for inserting the wire in a hole of the tag (C), means for forming a wire loop and for knotting (25, 26) the same, wire cutter means (27) for loosening and releasing the loop, said second area (2) being associated with a third area (3) for feeding single containers in sequence, said third area (3) comprising lifting means of each single container in vertical alignment with the formed loop in a loosened arrangement, adapted to partially fit the container (B) into the loop, whereby the release of the wire loop results in a fall of the same in engagement over the container.

IPC 8 full level

B65C 7/00 (2006.01)

CPC (source: EP)

B65C 7/00 (2013.01)

Citation (search report)

[IA] US 5275681 A 19940104 - HETTLER ALBERT [DE]

Designated contracting state (EPC)

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BA ME

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