

Title (en)

Device for manufacturing semi-finished retention cages for bottles made of metal wire

Title (de)

Vorrichtung zur Herstellung von halbfertigen Sicherheitsdrahtstücken für Flaschen aus Metalldraht

Title (fr)

Dispositif de fabrication des muselets semi-finis, à partir d'un fil en métal, pour des bouteilles

Publication

EP 1634664 B1 20070103 (EN)

Application

EP 04425670 A 20040908

Priority

EP 04425670 A 20040908

Abstract (en)

[origin: EP1634664A1] A device for the manufacture of semi-finished retention cages for bottles made of metal wire comprising a fixed support (8), a multiplicity of pincer assemblies (9) slidable on the fixed support (8) along respective first axes (A) converging in an origin (10) and having at least respective first and second pairs of jaws (15,15a) movable between a closed position and an open position and respective actuating members (28) for actuating the jaws (15;15a), a multiplicity of linear actuators (11) slidable on the fixed support (8) along respective second axes (B) positioned on the bisector of two adjacent lines of the first axes (A), and an actuating cam (50) rotatable around an axis (C) passing through the origin (10) to actuate respectively the pincer assemblies (9) and the actuating organs (28), in which said actuating cam (50) also actuates the linear actuators (11) and at least one of said actuating members (28) has a first command profile (34) actuating the first pair of jaws (15) according to a first law of motion and the other actuating members (28) have a second command profile (35) actuating the second pair of jaws (15a) according to a second law of motion.

IPC 8 full level

B21F 45/04 (2006.01)

CPC (source: EP)

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Cited by

ITRM20090301A1; ITMO20080312A1; CN112309700A; EA032241B1; EP2025428A1; WO2010143220A1; WO2016181295A1; WO2016083953A1; EP3205598A1; WO2017137823A1

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