

Title (en)

TWISTING ASSEMBLY FOR A WIRE FOR MAKING CAGES FOR SPARKLING WINE BOTTLES, AND MACHINE FOR MAKING THE SAME

Title (de)

VERDRILLANORDNUNG FÜR EINEN DRAHT ZUR HERSTELLUNG VON VERSCHLÜSSEN FÜR SCHAUMWEINFLASCHEN UND MASCHINE ZUM HERSTELLEN DERSELBEN

Title (fr)

ENSEMBLE DE TORSION POUR UN FIL POUR LA FABRICATION DE MUSELETS POUR DES BOUTEILLES DE VIN MOUSSEUX ET MACHINE DE FABRICATION DE CELUI-CI

Publication

**EP 3223976 B1 20190220 (EN)**

Application

**EP 15820266 A 20151119**

Priority

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- IB 2015058956 W 20151119

Abstract (en)

[origin: WO2016083953A1] Twisting assembly (2) for twisting at least one wire (M) for a machine (1) for making cages (G) for sparkling wine bottles. The twisting assembly (2) comprises: a clamping mechanism (3) for clamping and releasing the wire (M), in turn comprising: at least one retaining element (32) comprising a fixed portion (321) and a movable portion (322), which is movable at least along a first axis (X); at least one first shaft (34) associated with said fixed portion (321)); at least one second shaft (38), coaxial to said at least one first shaft (34), associated with said movable portion (322); at least one translation mechanism (5) for allowing the movement of said movable portion (322) of the retaining element (32); and a second actuator (36), operationally connected to said second shaft (38) through said translation mechanism (5), and allowing said second shaft (38) to translate along said first axis (X). The assembly comprises a rotation mechanism (4), capable of rotating said clamping mechanism (3) about said first axis (X), and comprising at least one first actuator (42) for exerting a rotational or twisting force on said at least one first shaft (34). Said at least one first actuator (42) is connected to said at least one shaft (34) in a direct manner, the axis of rotation of said first actuator substantially coinciding with said first axis (X) about which the clamping mechanism (3) can rotate.

IPC 8 full level

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CPC (source: EA EP)

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