

Title (en)

Plural screwing-head capping apparatus and the method of capping

Title (de)

Mit mehreren Schraubköpfen versehene Schraubverschliessvorrichtung und Verschliessverfahren

Title (fr)

Dispositif de bouchage muni de plusieurs têtes de visage et procédé de bouchage

Publication

EP 1205430 A1 20020515 (EN)

Application

EP 00310021 A 20001110

Priority

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Abstract (en)

A plural head type capping apparatus A comprises a moving body, a plurality of rotationally tightening means 2 provided on the moving body 1, restricting means 12 for applying a predetermined rotationally tightening torque, when the cap c is rotationally tightened, to each of the rotationally tightening means 2, detection means 15 provided on each restricting means 12 for detecting a rotationally tightening detection value in each of the rotationally tightening means 2, radio transmitting means 16 connected to each detection means 15 for sending the detected value, receiving means 18 provided outside of the moving body 1 for receiving the detection value from the radio transmitting means 16, and control means 19 for managing the rotationally tightening operation of a capping operation based on the detection value, whereby, when the cap c is rotationally tightened around the opening of the container b, the cap c is capped with an appropriate torque, and the progressing state of the rotationally tightening operation can be easily and reliably managed. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

B67B 3/2033 (2013.01); **B67B 3/208** (2013.01)

Citation (search report)

- [A] EP 0618168 A1 19941005 - GEI FILLING CAPPING & LABELLIN [GB]
- [A] DE 19814987 A1 19991007 - MEWES GMBH [DE]

Cited by

EP1529751A1; CN1298610C; US2023271734A1; US11970380B2; US9233820B2; IT202200014500A1; WO2021160437A1

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