

Title (en)

Straight-line capping machine and capping method

Title (de)

Kapselmaschine des geradlinigen Types sowie Kapselmaschine

Title (fr)

Machine d'encapsulage du type rectiligne et procédé d'encapsulage

Publication

**EP 0749937 B1 20020911 (EN)**

Application

**EP 96304471 A 19960617**

Priority

- US 49139895 A 19950619
- US 63352396 A 19960417
- US 63341696 A 19960417

Abstract (en)

[origin: EP0749937A2] A straight line capping machine (1) is provided that wherein the cap tightening discs (75-78) and the container grasping mechanism (49) are synchronized to a predetermined relationship so as to prevent cocked caps, loose caps and/or scuffed caps. In particular, the mechanisms are synchronized to ensure that the tangential velocity of the rear cap tightening disc minus the tangential velocity of the front cap tightening disc is about twice the predetermined velocity of the container passing through the capping machine.

IPC 1-7

**B67B 3/20**; **B65B 7/28**

IPC 8 full level

**B65B 7/28** (2006.01); **B67B 3/20** (2006.01); **B67B 3/26** (2006.01)

CPC (source: EP)

**B65B 7/2835** (2013.01); **B67B 3/2046** (2013.01); **B67B 3/26** (2013.01)

Cited by

ES2147690A2; CN108622834A; CN112874846A; CN115140693A

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