

Title (en)

MACHINE, ESPECIALLY A CARTONING MACHINE, FOR AUTOMATICALLY PUTTING AN ARTICLE, ESPECIALLY A BOTTLE, INTO A BOX

Publication

EP 0373025 B1 19930414 (FR)

Application

EP 89403240 A 19891123

Priority

FR 8815847 A 19881202

Abstract (en)

[origin: EP0373025A1] The machine comprises, at a first level (N1), a turret (4) mounted rotatably about a substantially vertical axis (5) and comprising receptacles distributed over its periphery in order to receive the boxes (2), as they pass in front of a workstation, and to carry them in a stepwise manner, as the turret rotates, to various successive workstation, and, at a level (N3) different from the first, means (A) for supplying the article to a station, perpendicular to a box (2) in the open state, displacement means being furthermore provided in order to introduce the article (1) into the box (2) by a substantially vertical movement. <IMAGE>

IPC 1-7

B65B 1/24; **B65B 7/20**; **B65B 43/18**; **B65B 43/28**; **B65B 61/20**; **B65B 61/28**

IPC 8 full level

B65B 5/04 (2006.01); **B65B 1/24** (2006.01); **B65B 7/20** (2006.01); **B65B 21/02** (2006.01); **B65B 21/24** (2006.01); **B65B 43/18** (2006.01); **B65B 43/28** (2006.01); **B65B 61/20** (2006.01); **B65B 61/28** (2006.01)

CPC (source: EP US)

B65B 7/20 (2013.01 - EP US); **B65B 21/242** (2013.01 - EP US); **B65B 43/185** (2013.01 - EP US); **B65B 43/285** (2013.01 - EP US); **B65B 61/20** (2013.01 - EP US); **B65B 61/28** (2013.01 - EP US)

Cited by

CN105905354A; CN105905345A; CN105059609A; FR2663607A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0373025 A1 19900613; **EP 0373025 B1 19930414**; AT E88149 T1 19930415; CA 2004409 A1 19900602; CA 2004409 C 19990803; DE 373025 T1 19901108; DE 68906003 D1 19930519; DE 68906003 T2 19931125; ES 2016081 A4 19901016; ES 2016081 T3 19931001; FR 2639905 A1 19900608; FR 2639905 B1 19910705; JP 2864135 B2 19990303; JP H02233303 A 19900914; US 5014501 A 19910514

DOCDB simple family (application)

EP 89403240 A 19891123; AT 89403240 T 19891123; CA 2004409 A 19891201; DE 68906003 T 19891123; DE 89403240 T 19891123; ES 89403240 T 19891123; FR 8815847 A 19881202; JP 31080589 A 19891201; US 44419989 A 19891201