

Title (en)

Apparatus for conveying closure caps in capping machines.

Title (de)

Vorrichtung zum Transportieren von Verschlusskappen in Gefäßverschiessmaschinen.

Title (fr)

Dispositif pour transporter des capuchons de fermeture sur une machine à capsuler.

Publication

**EP 0507156 B1 19940727 (DE)**

Application

**EP 92104824 A 19920319**

Priority

DE 9104140 U 19910405

Abstract (en)

[origin: EP0507156A1] Apparatus for conveying closure caps in capping machines, having a transporting channel (2) supplying the caps lying next to one another in a row, carriers (4) for the caps, which carriers (4) run in the transverse direction past the end region (3) of the transporting channel (2) on a closed path, and a conveying device (5) moving the caps from the end region of the transporting channel into the path of the carriers, characterised in that directly adjoining the end region (3) of the transporting channel (2) in the movement direction of the carriers (4) is a guiding groove (6) for the caps, having directing elements (7a, 7b) running on both sides of the path of the carriers (4), and in that the conveying device (5) is designed in such a way that it introduces the frontmost cap in each case from the end region (3) of the transporting channel (2) at least partially between the directing elements (7a, 7b) before the arrival of the associated carrier (4), and, if necessary, holds it there until the carrier (4) arrives.

<IMAGE>

IPC 1-7

**B67B 3/06**

IPC 8 full level

**B67B 3/06** (2006.01); **B65G 47/78** (2006.01); **B67B 3/062** (2006.01)

CPC (source: EP US)

**B67B 3/062** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 9104140 U1 19920305**; DE 59200307 D1 19940901; EP 0507156 A1 19921007; EP 0507156 B1 19940727; ES 2057938 T3 19941016; JP 2802277 B2 19980924; JP H07109022 A 19950425; US 5309696 A 19940510

DOCDB simple family (application)

**DE 9104140 U 19910405**; DE 59200307 T 19920319; EP 92104824 A 19920319; ES 92104824 T 19920319; JP 8414492 A 19920406; US 12218393 A 19930917