

Title (en)  
AUTOMATIC PACKAGING MACHINE

Title (de)  
AUTOMATISCHE VERPACKUNGSMASCHINE

Title (fr)  
MACHINE A EMBALLER AUTOMATIQUE

Publication  
**EP 1479607 A1 20041124 (EN)**

Application  
**EP 02796780 A 20021210**

Priority  
• ES 0200586 W 20021210  
• ES 200102864 A 20011221

Abstract (en)  
The packaging machine comprises a container forming machine (FM) and a filling device (FD) linked by means of a transfer device (TD). The filling device (FD) comprises an endless vertical conveyor (44), which follows a path consisting of a vertical ascending section and a vertical descending section linked by their ends by means of semicircumferential sections, equipped with one or more support mechanisms (56) for containers (3) which successively and sequentially occupy a position for receiving the containers (3) at the lower end of the ascending section; a position for opening the containers (3) at the upper end of the ascending section; a position for filling the containers (3) at the upper end of the descending section; and a position for sealing the containers (3) at the lower end of the descending section. <IMAGE>

IPC 1-7  
**B65B 3/02**

IPC 8 full level  
**B65B 9/08** (2012.01); **B65B 43/46** (2006.01)

CPC (source: EP ES)  
**B65B 3/02** (2013.01 - ES); **B65B 9/08** (2013.01 - EP); **B65B 9/093** (2013.01 - EP); **B65B 43/465** (2013.01 - EP)

Cited by  
CN100384697C; CN100398399C; ES2255444A1; EP2522583A1; ES2550372A1

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DE FR

DOCDB simple family (publication)  
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