

Title (en)  
PACKAGING MACHINE

Publication  
**EP 0275346 B1 19920408 (DE)**

Application  
**EP 87106328 A 19870505**

Priority  
IT 332687 A 19870121

Abstract (en)  
[origin: EP0275346A1] A machine for packaging in a vacuum or in a controlled atmosphere has bells (1-24) and covers (I-X) that are continuously fixed to two separate annular conveyors (25, 26) that move on two separate horizontal superimposed planes. The lower conveyor is longer and is provided with a plurality of equally-spaced bells, the fixing plane being turned upwards, whereas the upper conveyor is shorter and provided with fewer equally-spaced covers, having the same spacing as the bells, with their fixing plane turned downwards. Both conveyors cross at least one geometrically identical section, in which in a stationary state of kinematic equality a perfect matching by superimposition of the fixing plane of each cover and of the fixing plane of the corresponding bell is achieved. Upstream and downstream of the section in which there is a state of kinematic equality between both conveyors, the bells are always open at their tops, in order to allow technological preparation and finishing processes to be carried out in each bag that constantly remains in the said bell.

IPC 1-7  
**B65B 31/02**

IPC 8 full level  
**B65B 31/02** (2006.01); **B65B 31/00** (2006.01)

CPC (source: EP)  
**B65B 31/022** (2013.01)

Cited by  
DE3901853A1; US5001886A; US10493930B2; US9561761B2; US9676351B2; US9183983B2; US9533636B2; US9561867B2; US9511728B2; US9413162B2; US9561760B2

Designated contracting state (EPC)  
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**EP 87106328 A 19870505**; AR 30892287 A 19871002; AT 87106328 T 19870505; AU 7511687 A 19870505; BG 8547288 A 19880920; BR 8707636 A 19870505; CA 557012 A 19880121; CN 87104757 A 19870711; CS 36388 A 19880119; DE 3778142 T 19870505; DK 522188 A 19880920; EP 8700233 W 19870505; EP 87903689 A 19870505; ES 87106328 T 19870505; FI 884178 A 19880912; GR 920400526 T 19920409; HU 328287 A 19870505; IT 332687 A 19870121; JP 50342287 A 19870505; SU 4356489 A 19880921