

Title (en)

Apparatus for inserting products in a packaging container

Title (de)

Vorrichtung zum Einschieben von Produkten in ein Verpackungsbehältnis

Title (fr)

Dispositif pour insérer des produits dans un emballage

Publication

EP 0995684 A3 20031203 (DE)

Application

EP 99120447 A 19991014

Priority

DE 19848452 A 19981021

Abstract (en)

[origin: EP0995684A2] The device includes an insert ram (13) and a cover tongue (6) which can be pre-positioned above the product (4) by a first motion control (9a, 11, 19) and lowered onto the product (4) by a second motion control (8, 9) which has a vertical control face (24a) and a horizontally displaceable element (17) which grips on to the control face. The horizontal displacement of the element can be converted by a conversion device (16, 23) into the vertical lowering movement of the cover tongue. The control face (24a) is formed on a displacement plate (24) and the element gripping over the control face is a cam roller (17).

IPC 1-7

B65B 59/00; B65B 35/40; B65B 5/06

IPC 8 full level

B65B 35/50 (2006.01); **B65B 5/06** (2006.01); **B65B 35/40** (2006.01)

CPC (source: EP US)

B65B 5/067 (2013.01 - EP US); **B65B 35/40** (2013.01 - EP US)

Citation (search report)

- [AD] US 5454206 A 19951003 - BAILER RUDOLF [DE], et al
- [A] US 4688372 A 19870825 - LANGEN MARINUS J M [CA], et al
- [A] US 5456058 A 19951010 - ZIEGLER KELLY W [US]
- [A] US 5241806 A 19930907 - ZIEGLER KELLY W [US], et al

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EP 99120447 A 19991014; AT 99120447 T 19991014; DE 19848452 A 19981021; DE 59912648 T 19991014; JP 29806099 A 19991020; US 42042299 A 19991019