

Title (en)  
A device for inserting pouring spouts in containers

Title (de)  
Vorrichtung zum Einsetzen von Giesstüllen in Dosen

Title (fr)  
Dispositif d'insertion des becs verseur à des boîtes

Publication  
**EP 1223029 A3 20030409 (EN)**

Application  
**EP 02000687 A 20020111**

Priority  
IT TO20010023 A 20010116

Abstract (en)  
[origin: EP1223029A2] An insertion device (20) for a machine for inserting pouring spouts (15) in containers (11) comprises a casing (22) with a seat (25) suitable for receiving a spout to be inserted and for guiding it during the insertion operation, and a thrust element (21) which is moved with a reciprocating rectilinear motion along the seat (25) between a retracted position in which a spout (15) can be received in the seat (25) and a forward position in which the element (21) pushes the spout out of the seat (25) against a container. The thrust element (21) is mounted for sliding on a rectilinear guide (24) spaced from the casing (22) and preferably has a shape which is elongate in a direction perpendicular to the direction of insertion. The thrust element (21) has a first end portion (21a) which is movable in the seat (25) and which can act on a spout (15), and a second end portion (21b) which is slidable along the guide (24). <IMAGE>

IPC 1-7  
**B31B 1/84**

IPC 8 full level  
**B31B 1/84** (2006.01)

CPC (source: EP US)  
**B31B 50/00** (2017.08 - EP); **B31B 50/84** (2017.08 - EP US)

Citation (search report)  
• [A] US 3025813 A 19620320 - KLAUSMANN MILTON H, et al  
• [A] US 2998788 A 19610905 - LEONARD BACK, et al

Cited by  
US2014083061A1

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DOCDB simple family (publication)  
**EP 1223029 A2 20020717; EP 1223029 A3 20030409; EP 1223029 B1 20050330**; AT E292014 T1 20050415; BR 0200049 A 20021022; BR 0200049 B1 20100908; DE 60203415 D1 20050504; DE 60203415 T2 20060309; ES 2239179 T3 20050916; IT TO20010023 A0 20010116; IT TO20010023 A1 20020716

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