

Title (en)  
DEVICE FOR FILLING A TRANSPORT CONTAINER

Publication  
**EP 0446660 B1 19930721 (DE)**

Application  
**EP 91102333 A 19910219**

Priority  
DE 4007801 A 19900312

Abstract (en)  
[origin: EP0446660A1] In a device (1) for the controlled filling of a transport container (11) with piece goods, the transport container (11) is arranged vertically over a conveying means (2) and consists of two shells (12 and 13) which can be displaced in a controlled manner. Furthermore, there is arranged underneath and passing through the conveying means (2) a lifting element (31) which can be moved towards and introduced into the transport container (11), said element being drivably connected to an actuator which interacts with the shells (12, 13) of the transport container and by means of which one or both shells (12, 13) can be forcibly displaced as a function of the lifting movements of the lifting element. <??>It is thus possible for one or more layers of piece goods to be filled into a transport container by mechanical means without the goods requiring human contact. <IMAGE>

IPC 1-7  
**B65B 19/34; B65B 35/36**

IPC 8 full level  
**B65B 1/34** (2006.01); **B65B 19/34** (2006.01); **B65B 35/36** (2006.01); **B65B 35/40** (2006.01)

CPC (source: EP US)  
**B65B 1/34** (2013.01 - EP US); **B65B 19/34** (2013.01 - EP US); **B65B 35/36** (2013.01 - EP US)

Cited by  
EP0569674A1

Designated contracting state (EPC)  
CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0446660 A1 19910918; EP 0446660 B1 19930721**; CA 2037994 A1 19910913; DE 4007801 A1 19910919; DE 59100198 D1 19930826; JP 2907239 B2 19990621; JP H04215912 A 19920806; US 5190138 A 19930302

DOCDB simple family (application)  
**EP 91102333 A 19910219**; CA 2037994 A 19910311; DE 4007801 A 19900312; DE 59100198 T 19910219; JP 4324191 A 19910308; US 66710591 A 19910308