

Title (en)
METHOD AND DEVICE FOR THE CAREFUL PACKAGING OF A PRODUCT

Publication
EP 0317750 A3 19900711 (DE)

Application
EP 88116761 A 19881010

Priority
DE 3734361 A 19871010

Abstract (en)
[origin: US4991632A] The method serves to gently pack a product the consistency of which can be affected by external influences. The product consists of a number of separable components which adhere to one another to at least some extent and are readily deformed under the influence of mechanical forces. The product is piled in a position of potential energy from which it is directed into a measuring vessel by gravity. After it is filled, the measuring vessel is tilted and, in its tilted position, is emptied by gravity into a waiting packing unit below it.

IPC 1-7
B65B 1/36; **B65B 37/08**; **B65B 37/10**; **B65B 37/20**

IPC 8 full level
B65B 1/36 (2006.01); **B65B 37/08** (2006.01); **B65B 37/10** (2006.01); **B65B 37/20** (2006.01)

CPC (source: EP US)
B65B 1/36 (2013.01 - EP US); **B65B 37/08** (2013.01 - EP US); **B65B 37/10** (2013.01 - EP US); **B65B 37/20** (2013.01 - EP US)

Citation (search report)
• [X] US 2339908 A 19440125 - BREWER JOHN H, et al
• [Y] GB 487691 A 19380624 - JOSEPH SALIM PERESS
• [Y] WO 8302434 A1 19830721 - WESTLUND AB ANDERS INGENJOERSF [SE]
• [A] US 2913018 A 19591117 - LEWIS JR IRVING R, et al
• [A] US 2144569 A 19390117 - ROBERT FRAZIER MARION
• [A] US 1723211 A 19290806 - JOHN SCHMIDT
• [A] FR 2259356 A1 19750822 - HAMBURGER UNTERLAND GESELLACHA [AT]
• [A] DE 645093 C 19370521 - HOELLER MASCHINENFABRIK GEB

Cited by
EP0582089A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0317750 A2 19890531; **EP 0317750 A3 19900711**; DE 3734361 A1 19890420; DE 3734361 C2 20000824; US 4991632 A 19910212

DOCDB simple family (application)
EP 88116761 A 19881010; DE 3734361 A 19871010; US 25814488 A 19881007