

Title (en)  
APPARATUS FOR ASEPTIC PACKAGING

Publication  
**EP 0237777 B1 19890809 (DE)**

Application  
**EP 87101894 A 19870211**

Priority  
DE 3607322 A 19860306

Abstract (en)  
[origin: US4693052A] An apparatus for aseptic packaging, in particular of food products and snack items, in packaging containers has a clean room with a sterile atmosphere, in which equipment for sterilization, rinsing, filling and closing the packaging containers is disposed. The packaging containers are conveyed in increments through the clean room on supporting elements, which are secured to two parallel endless conveyor chains. To prevent infection of the clean room from the conveyor apparatus, only the supporting elements are carried through the clean room, while the conveyor chains are disposed outside thereof. Holders, which join the supporting elements to the conveyor chains travel longitudinally through slits of the wall of the clean room. Secured to the holders are lamellae, which together with the edge portions of the slit in the wall form a labyrinth seal.

IPC 1-7  
**B65B 55/02**

IPC 8 full level  
**B65B 55/02** (2006.01); **B65B 55/04** (2006.01)

CPC (source: EP US)  
**B65B 55/025** (2013.01 - EP US)

Cited by  
EP0903297A1; DE10114061B4; CN105377699A; EP3241771A1; EP0726203A1; US5660100A; WO2015003852A1

Designated contracting state (EPC)  
CH DE LI SE

DOCDB simple family (publication)  
**EP 0237777 A1 19870923; EP 0237777 B1 19890809**; DE 3607322 A1 19870910; DE 3760409 D1 19890914; JP H0798531 B2 19951025; JP S62208333 A 19870912; US 4693052 A 19870915

DOCDB simple family (application)  
**EP 87101894 A 19870211**; DE 3607322 A 19860306; DE 3760409 T 19870211; JP 4539687 A 19870302; US 94264586 A 19861217