

Title (en)  
IMPROVED FILLING MACHINERY

Publication  
**EP 0351594 A3 19900822 (EN)**

Application  
**EP 89111602 A 19890626**

Priority  
US 22245688 A 19880721

Abstract (en)  
[origin: EP0351594A2] A food handling and packaging device and method for controlling the placement of food into package trays uses a protection disk (50) with a wiper arm (16A) and a vacuum pickup opening (170) and other equipment to clean the food delivery device to minimize the dripping of material on the sealing surface of a package tray prior to a cover being placed.

IPC 1-7  
**B65B 55/24**; **B65B 39/14**; **F16H 55/30**

IPC 8 full level  
**B65B 1/00** (2006.01); **B65B 1/36** (2006.01); **B65B 39/14** (2006.01); **B65B 55/24** (2006.01)

CPC (source: EP)  
**B65B 39/145** (2013.01); **B65B 55/24** (2013.01)

Citation (search report)

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

DOCDB simple family (publication)  
**EP 0351594 A2 19900124**; **EP 0351594 A3 19900822**; AU 3638189 A 19900125; AU 619855 B2 19920206; BR 8903599 A 19900313; DK 359489 A 19900122; DK 359489 D0 19890720; JP H0285101 A 19900326; NZ 229155 A 19911025

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