

Title (en)

Packaging machine for MAP and skin packages

Title (de)

Verpackungsmaschine für MAP- und Skinverpackungen

Title (fr)

Machine d'emballage pour CAM et suremballages

Publication

EP 1932763 A1 20080618 (EN)

Application

EP 06024110 A 20061121

Priority

EP 06024110 A 20061121

Abstract (en)

The invention is related to a packaging machine which seals a film to a tray which has been filled with a packaging item, for example food. The packages can be so-called MAP packages in which the packaging item is packaged under a modified atmosphere. In order to modify the atmosphere, the air is in a first step at least partially taken out of the tray and then substituted by a modified atmosphere, for example N₂ and/or CO₂. An other package which can be produced on the traysealer is a so-called skin package in which a top-film is shrunk around the packaging item, so that it butts against the packaging item.

IPC 8 full level

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CPC (source: EP)

B65B 7/164 (2013.01); **B65B 11/52** (2013.01); **B65B 31/028** (2013.01)

Citation (search report)

- [X] DE 10237933 A1 20040226 - MULTIVAC HAGGENMUELLER GMBH [DE]
- [X] US 2003196412 A1 20031023 - FOULKE GUY L [US]
- [X] US 3634993 A 19720118 - PASCO WILLIAM R, et al

Cited by

CN103373487A; CN102556451A; EP2149498A1; CN105163927A; RU2656472C2; WO2014166940A1; US8281559B2; EP2555981B1

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