

Title (en)

A horizontal packaging machine with film sterilization and method for forming packages from a film

Title (de)

Horizontale Verpackungsmaschine mit einer Einrichtung zum Sterilisieren einer Verpackungsfolienbahn sowie Verfahren zum Herstellen von Packungen aus einer Folienbahn

Title (fr)

Machine d'emballage horizontale avec un dispositif de stérilisation d'une bande d'emballage et procédé pour produire des emballages sur la base d'une bande d'emballage

Publication

EP 1743839 A1 20070117 (EN)

Application

EP 05106500 A 20050714

Priority

EP 05106500 A 20050714

Abstract (en)

The machine (1) comprises at least a film welding station (5) forming at least the bottom of the packages and a film sterilizing station (10) arranged upstream the film welding station (5) whereby the film (3) is sterilized before the bottom of the packages is formed. The film sterilizing station (5) comprises a chemical sterilizing unit in which chemical sterilization of the film (3) is performed by means of a sterilizing gas. By providing such a film sterilizing station (10) upstream the welding station (5), easier access to all points in the package surface is achieved and consequently packages may be more completely and efficiently sterilized.

IPC 8 full level

B65B 55/10 (2006.01); **B65B 9/087** (2012.01)

CPC (source: EP)

B65B 9/087 (2013.01); **B65B 55/027** (2013.01); **B65B 55/103** (2013.01)

Citation (applicant)

- WO 9908932 A1 19990225 - TETRA LAVAL HOLDINGS & FINANCE [CH], et al
- EP 0310900 A1 19890412 - ROBY TEKNIK AB [SE]

Citation (search report)

- [Y] EP 1172295 A1 20020116 - VOLPAK SA [ES]
- [Y] EP 0310900 A1 19890412 - ROBY TEKNIK AB [SE]
- [Y] US 2002119074 A1 20020829 - MCGOWAN JAMES E [US]
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- [A] US 2004081579 A1 20040429 - BJERBORN THOMAS [SE]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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