

Title (en)

PACKAGING MACHINE AND PACKAGING METHOD

Title (de)

VERPACKUNGSMASCHINE UND VERPACKUNGSVERFAHREN

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ D'EMBALLAGE

Publication

EP 2448830 B1 20161214 (EN)

Application

EP 10794443 A 20100624

Priority

- SE 2010000182 W 20100624
- SE 0900910 A 20090703

Abstract (en)

[origin: WO2011002385A1] A packaging machine (1) and a packaging method are provided. The packaging machine comprises a gassing zone (5) for exposing packages (27) to a gaseous sterilization agent, an infeed end (19) where the packages are received in the packaging machine, an outfeed end (23) where the packages are output from the packaging machine, and a conveyor (25) for transporting the packages through the gassing zone in a transport direction (T). The packaging machine is characterized in further comprising means for maintaining a first pressure (P1) inside a first area (A1) of the packaging machine arranged between the infeed end and the outfeed end and including at least the gassing zone, a second pressure (P2) inside a second area (A2) of the packaging machine arranged between the infeed end and said first area, adjacent said first area, and a third pressure (P3) inside a third area (A3) of the packaging machine arranged between said first area and the outfeed end, adjacent said first area. The second and third pressures (P2, P3) are higher than the first pressure (P1) and the third pressure (P3) is higher than a fourth pressure (P4) prevailing outside the packaging machine.

IPC 8 full level

B65B 55/02 (2006.01)

CPC (source: EP)

B65B 31/025 (2013.01); **B65B 55/10** (2013.01); **B65B 3/027** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2011002385 A1 20110106; BR PI1015429 A2 20160412; BR PI1015429 B1 20190702; CN 102470945 A 20120523; EP 2448830 A1 20120509; EP 2448830 A4 20130911; EP 2448830 B1 20161214

DOCDB simple family (application)

SE 2010000182 W 20100624; BR PI1015429 A 20100624; CN 201080027448 A 20100624; EP 10794443 A 20100624