

Title (en)

IMPROVEMENTS IN OR RELATING TO PACKAGING

Title (de)

VERBESSERUNGEN AN ODER IM ZUSAMMENHANG MIT VERPACKUNGEN

Title (fr)

AMELIORATIONS D'UN EMBALLAGE OU RELATIVES A UN EMBALLAGE

Publication

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Application

EP 10784563 A 20101022

Priority

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- GB 2010001963 W 20101022

Abstract (en)

[origin: WO2011048385A2] A segregated nitrogen flush system (10) segregates a nitrogen flow arrangement (12) for providing a nitrogen flush, a chemical flow arrangement (16) and a steam flow arrangement (14) for sterilization of the segregated nitrogen flush system. Electronics are segregated from a flow of sanitizing steam or chemical that would harm electronics and other controls. A filter (18) upstream from a nitrogen delivery path (28) provides a resilient transition from nitrogen flow to higher pressure flow of sanitizing steam. Nitrogen flow is commanded through the nitrogen delivery path (28) to a nitrogen flush assembly (22) having a forward nozzle and plenum member for providing nitrogen flush to partially closed cartons. Guide rails are configured to converge to close the cartons increasingly as they index forward. During a second operating mode, sanitizing steam flows through at least the filter. During a third operating mode, sanitizing chemical flows through the chemical flow arrangement (16) to the nitrogen flush assembly (22).

IPC 8 full level

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CPC (source: EP)

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See references of WO 2011048385A2

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