

Title (en)
INLINE PROCESSING AND IRRADIATION SYSTEM

Title (de)
INLINE-VERARBEITUNGS- UND -BESTRAHLUNGSSYSTEM

Title (fr)
SYSTEME DE TRAITEMENT EN LIGNE ET D'IRRADIATION

Publication
EP 1664739 A2 20060607 (EN)

Application
EP 04781800 A 20040820

Priority
• US 2004027186 W 20040820
• US 49644503 P 20030820

Abstract (en)
[origin: WO2005019033A2] A stream of products is packaged and biologically treated by the system. The system has an index conveyor with a filling station and a packaging station. Discrete packages are filled with the stream of products, sealed and moved on an index conveyor. The system moves the discrete packages an irradiation chamber at a steady rate on a continuous speed conveyor. A controller matches the cyclical rate of the index conveyor with the steady rate of the continuous speed conveyor and uses a buffer to transition from the cyclical rate to the steady rate.

IPC 1-7
G01N 21/00; B65B 31/00; B65B 61/00; B65B 55/04

IPC 8 full level
B65B 9/04 (2006.01); **B65B 31/00** (2006.01); **B65B 55/04** (2006.01); **B65B 55/16** (2006.01); **B65B 61/00** (2006.01); **G01N 21/00** (2006.01)

IPC 8 main group level
B65B (2006.01)

CPC (source: EP US)
B65B 9/045 (2013.01 - EP US); **B65B 55/16** (2013.01 - EP US)

Designated contracting state (EPC)
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US 2004027186 W 20040820; CA 2536297 A 20040820; EP 04781800 A 20040820; US 56900304 A 20040820