

Title (en)
PACKAGING MACHINE

Publication
EP 0127459 A3 19851204 (EN)

Application
EP 84303546 A 19840525

Priority
GB 8314763 A 19830527

Abstract (en)
[origin: EP0127459A2] A packaging line, particularly one for packaging sliced meats in vacuum packs includes a first conveyor (17) for carrying at equally spaced pitches a series of locations to be filled, a second conveyor (15) for carrying spaced products (a, b, c, d, e) to be packaged and a transfer conveyor (16) to transfer products (a, b, c, d, e) from the second conveyor (15) to the first conveyor (17). The line includes means (20) to match the movement of the transfer conveyor (16) with that of either the first (17) or the second conveyor (15), a first detector (D1) adjacent the downstream end of the second conveyor (15) for detecting the presence of a product (a) adjacent the downstream end of the second conveyor (15), a second detector (D2) for detecting the presence of a product (a) on the transfer conveyor (16), and control means to control the means (20) to match the movement of the transfer conveyor (16) with that of either the first (17) or the second (15) conveyor so that the second (15) and transfer (16) conveyors move together to move a first product from adjacent the first detector (D1) onto the transfer conveyor (16). The control means also stop the transfer conveyor (16) when the first product (a) reaches the second detector (D2) and stop the first conveyor (17) when a second product (b) reaches the first detector (D1). The control means subsequently moves the transfer conveyor (16) and the first conveyor (17) together to feed the first product (a) into a location on the first conveyor (17).

IPC 1-7
B65B 35/24; **B65B 57/10**; **B65G 43/08**

IPC 8 full level
B65G 47/30 (2006.01); **B65B 25/06** (2006.01); **B65B 31/02** (2006.01); **B65B 35/24** (2006.01); **B65B 35/50** (2006.01); **B65B 35/56** (2006.01); **B65B 57/10** (2006.01)

CPC (source: EP)
B65B 35/24 (2013.01); **B65B 57/10** (2013.01)

Citation (search report)
[A] FR 2343652 A1 19771007 - CARLE & MONTANARI SPA [IT]

Cited by
EP0412432A1; CN100443388C; EP0237299A1; GB2187697B; GB2244039A; FR2662139A1; GB2244039B; US5341915A; GB2182299A; GB2182299B; US4921092A; AU589425B2; WO03065818A1

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0127459 A2 19841205; **EP 0127459 A3 19851204**; GB 8314763 D0 19830706; JP S602417 A 19850108

DOCDB simple family (application)
EP 84303546 A 19840525; GB 8314763 A 19830527; JP 10826184 A 19840528