

Title (en)
PACKAGING

Publication
EP 0112605 B1 19880511 (EN)

Application
EP 83304610 A 19830809

Priority
GB 8222936 A 19820809

Abstract (en)
[origin: EP0112605A2] Flat carton sleeves 2 are fed to a multi-headed sleeve-opening turret 3, and thence to a multi-headed top closure pre-breaking turret 6 and a continuously advancing chain conveyor 5 around the turret 6. The conveyor 5 carries the sleeves 2 over a bottom closure pre-breaker 8, past a bottom closure heater 10 and through bottom closure sealing nip rollers 12 to a third multi-headed turret 13 on which bottom closure sealing and carton filling are performed. Thence, the cartons are fed by the conveyor 5 below a top closure tucking-in wheel 14, a top closure heater 16 and a top sealer 17 to a transverse transfer conveyor 20 which transfers the cartons 2 to a second transverse conveyor 24 which feeds the cartons over a bottom closure flaps heater 28 and a bottom closure flaps tucking-in device 29.

IPC 1-7
B65B 3/02; **B65B 43/24**; **B65B 61/28**; **B65D 5/06**

IPC 8 full level
B31B 50/32 (2017.01); **B65B 3/02** (2006.01); **B65B 7/16** (2006.01); **B65B 43/08** (2006.01); **B65B 43/24** (2006.01); **B65B 43/30** (2006.01); **B65B 43/42** (2006.01); **B65B 61/28** (2006.01); **B65D 5/06** (2006.01); **B65D 5/40** (2006.01)

CPC (source: EP)
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Cited by
DE102014102333A1; WO2015124396A1; CN112429319A; DE102013107223B4; CN106458342A; DE102013107223A1; WO2019232254A1; WO2006029795A1; DE102013105260A1; WO2014187592A1; WO2023197680A1; TWI804629B

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