

Title (en)
PACKAGING MACHINE

Title (de)
VERPACKUNGSMASCHINE

Title (fr)
MACHINE D'EMBALLAGE

Publication
EP 3492397 A4 20200122 (EN)

Application
EP 16915222 A 20160905

Priority
JP 2016076028 W 20160905

Abstract (en)
[origin: EP3492397A1] A packaging machine (1) for forming a box (30) by folding a blank around the periphery of a plurality of smoking articles, including a conveyance path (26) for thereafter conveying the box (30) to a subsequent processing stage, wherein the box (30) includes a longitudinal axis (32), and a pair of side walls (30e) having inner and outer side wall parts (34a, 34b) which extend along the longitudinal axis (32) and are bonded to each other, and assumes a posture in which the pair of the side walls (30e) extend in a direction traversing the conveyance path (26) in the conveyance path (26); the conveyance path (26) has a pair of conveyance walls (28a) for holding therebetween the box (30) by the pair of side walls (30e), and includes a conveyor (28) for conveying the box (30) while holding the same between the conveyance walls (28a); the pair of conveyance walls (28a) respectively include pressing wall surfaces (28d) for substantially pressing the side walls (30e); and at least one of the pressing wall surfaces (28d) includes means (56, 58, 60) for reducing a total effective length (L) of the pressing wall surface (28d) along the longitudinal axis (32) to be less than an overall length (La) of the side wall (30e).

IPC 8 full level
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CPC (source: EP US)
B65B 19/00 (2013.01 - EP); **B65B 19/02** (2013.01 - EP); **B65B 61/00** (2013.01 - EP); **B65D 5/662** (2013.01 - EP); **B65D 85/10484** (2020.05 - EP US)

Citation (search report)

- [X] WO 0204297 A1 20020117 - GD SPA [IT], et al
- [X] US 6098533 A 20000808 - POLLONI ROBERTO [IT], et al
- [A] JP 2009091040 A 20090430 - OM LTD
- [A] US 2012031051 A1 20120209 - DRAGHETTI FIORENZO [IT]
- See references of WO 2018042667A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3492397 A1 20190605; **EP 3492397 A4 20200122**; **EP 3492397 B1 20210602**; JP 6868628 B2 20210512; JP WO2018042667 A1 20190404; WO 2018042667 A1 20180308

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EP 16915222 A 20160905; JP 2016076028 W 20160905; JP 2018536672 A 20160905