

Title (en)

PACKAGING MACHINE AND METHOD FOR PRODUCING SEALED PACKAGES

Title (de)

VERPACKUNGSMASCHINE UND -VERFAHREN ZUR HERSTELLUNG VERSIEGELTER VERPACKUNGEN

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ POUR PRODUIRE DES EMBALLAGES SCELLÉS

Publication

EP 3575226 A1 20191204 (EN)

Application

EP 18175450 A 20180601

Priority

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Abstract (en)

There is described a packaging machine (1) for producing sealed packages (2) of a pourable product from a web (4) of packaging material comprising a conveying device (5) for advancing a web (4) of packaging material along the web advancement path (P) at least to a tube forming station (6) at which the web (4) of packaging material is formed, in use, into a tube (3) and for advancing the tube (3) along a tube advancement path (Q), an isolation chamber (9), a tube forming and sealing device (10) at least partially arranged within the isolation chamber (9) and configured to form the tube (3) and to longitudinally seal the tube (3), and at least one inlet valve (61) selectively controllable between at least an open configuration in which the inlet valve (61) is configured to allow an inflow of a cooling gas into at least the isolation chamber (9) and a closed configuration in which the inlet valve (61) is in a closed position for impeding an inflow of the cooling gas into the isolation chamber (9) .

IPC 8 full level

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Citation (search report)

- [IY] EP 0816233 A1 19980107 - SHIKOKU KAKOKI CO LTD [JP]
- [Y] EP 1795448 A1 20070613 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [A] EP 0341396 A1 19891115 - TETRA DEV CO [IT]
- [A] US 3911642 A 19751014 - ERNSTSSON GEORG E, et al

Cited by

EP4043351A3; CN117246559A; WO2022171530A3

Designated contracting state (EPC)

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