

Title (en)

PACKAGING MACHINE AND METHOD FOR FORMING PACKAGES

Title (de)

VERPACKUNGSMASCHINE UND VERFAHREN ZUM FORMEN VON VERPACKUNGEN

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ DE FORMATION D'EMBALLAGES

Publication

EP 4332008 A1 20240306 (EN)

Application

EP 23193887 A 20230829

Priority

IT 202200017994 A 20220901

Abstract (en)

There is described a packaging machine (1) for forming packages (2) filled with a pourable product from a web of packaging material (5). The packaging machine (1) comprises a conveying device (6), a molding apparatus (7), a sterilization apparatus (9), and a preserving device (22) configured to preserve the cleanliness and/or sterility of at least the molded portions (4). The preserving device (22) comprises at least one air flow generator (39) configured to generate a first flow (F1) of a sterile fluid against at least a portion of the web of packaging material (5) and into a first direction (D1) opposite to an advancement direction (D2) of the web of packaging material (5) and a second flow (F2) of sterile fluid in a second direction (D3) opposite to the first direction (D1) and/or substantially parallel to the advancement direction (D2) and into the sterilization apparatus (9).

IPC 8 full level

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CPC (source: EP)

B65B 55/022 (2013.01); **B65B 55/08** (2013.01); **B65B 61/186** (2013.01); **B65B 9/20** (2013.01); **B65B 61/184** (2013.01)

Citation (search report)

- [A] US 2019300219 A1 20191003 - TSURUTA MASATAKA [JP]
- [A] US 11383869 B2 20220712 - FERRARINI FILIPPO [IT], et al

Designated contracting state (EPC)

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Designated validation state (EPC)

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