

Title (en)

PACKAGING SYSTEM AND METHOD FOR PRODUCING POUCHES COMPRISING A GEL AND A FILM

Title (de)

VERPACKUNGSSYSTEM UND VERFAHREN ZUR HERSTELLUNG VON BEUTELN MIT EINEM GEL UND EINER FOLIE

Title (fr)

SYSTÈME D'EMBALLAGE ET PROCÉDÉ DE FABRICATION DE SACHETS COMPRENANT UN GEL ET UN FILM

Publication

EP 4328140 A3 20240508 (EN)

Application

EP 23189489 A 20230803

Priority

NL 2032672 A 20220803

Abstract (en)

Packaging system for producing pouches comprising a water-soluble film and a gel, comprising:- multiple moulds (5),- a mould conveyer (8),-- a filling device (13) comprising multiple gel dispensers (15), each gel dispenser comprising:- a reservoir (18)- an integer nozzle number of nozzles (20),- a pin holder (23) arranged in the reservoir holding a pin number of pins (24), wherein:- the pin number is equal to the nozzle number,-- the pin holder (23) is moveable by a pin actuator (25) from an active position into an inactive position, and vice versa,-- in the inactive position of the pin holder, the pins (24) are arranged in the reservoir (18) and the nozzle openings (22) are in fluid communication with the reservoir (18),-- in the active position of the pin holder (23), each pin (24) extends into the nozzle (20) through hole of its associated nozzle to expel gel from the nozzle through hole.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XAI] EP 3913334 A1 20211124 - GASIOROWSKI MAREK [PL]
- [A] EP 3656534 A1 20200527 - GASIOROWSKI MAREK [PL]
- [A] WO 2006056855 A1 20060601 - TGM TECNOMACHINES S R L [IT], et al
- [A] US 2017121169 A1 20170504 - DAILEY COLLIN C [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

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