

Title (en)

METHOD OF PACKING LIQUID FILLING INTO SPOUTED POUCH AND SEALING THE POUCH AND APPARATUS THEREFOR

Title (de)

VERFAHREN ZUM VERPACKEN EINER FLÜSSIGKEITSFÜLLUNG IN EINEM BEUTEL MIT MUNDSTÜCK UND VERSCHLIESSEN DES BEUTELS UND VORRICHTUNG DAFÜR

Title (fr)

PROCÉDÉ D'EMBALLAGE DE LESTAGE LIQUIDE DANS UN SACHET À BEC VERSEUR ET DE SCELLAGE DU SACHET ET SON APPAREIL

Publication

EP 2123560 A4 20100825 (EN)

Application

EP 07850950 A 20071220

Priority

- JP 2007074515 W 20071220
- JP 2007011855 A 20070122

Abstract (en)

[origin: EP2123560A1] [PROBLEMS] To obtain a spouted pouch package having a high degree of deoxidation by a method in which even a liquid content which is easily foamable can be filled while being inhibited from foaming. [MEANS FOR SOLVING PROBLEMS] A pre-filling deoxidation step (1) is performed before a liquid content is filled into a pouch. The pre-filling deoxidation step (1) comprises: a vacuum step (1-1) in which a gas is evacuated from the pouch; an inert gas blowing step (1-2) in which an inert gas is blown into the pouch after the vacuum step; and a gas-reduction vacuum step (1-3) in which the gas in the pouch after the inert gas blowing step is discharged under vacuum to reduce the gas in the pouch to a predetermined amount. Thereafter, the pouch is evacuated in a pre-filling second degassing step (2-1) and then filled with a content. After filling, gas replacement is implemented.

IPC 8 full level

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CPC (source: EP KR US)

B65B 3/22 (2013.01 - EP KR US); **B65B 31/04** (2013.01 - KR); **B65B 31/041** (2013.01 - EP US); **B65B 39/00** (2013.01 - KR); **B65B 55/24** (2013.01 - EP KR US); **B65B 39/00** (2013.01 - EP US); **B65B 43/30** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2008090702A1

Designated contracting state (EPC)

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