

Title (en)

MOULDING AND FILLING STATION OF AN INSTALLATION FOR PRODUCING FILLED CONTAINERS FROM PREFORMS BY MEANS OF FILLING MATERIAL INTRODUCED INTO THE PREFORM UNDER PRESSURE

Title (de)

FORM- UND FÜLLSTATION EINER ANLAGE ZUM HERSTELLEN VON GEFÜLLTEN BEHÄLTERN AUS VORFORMLINGEN DURCH UNTER DRUCK IN DEN VORFORMLING EINGELEITETES FÜLLGUT

Title (fr)

POSTE DE FORMAGE ET DE REMPLISSAGE D'UNE INSTALLATION DESTINÉE À PRODUIRE DES RÉCIPIENTS REMPLIS, À PARTIR DE PRÉFORMES, PAR UN PRODUIT DE REMPLISSAGE INTRODUIT SOUS PRESSION DANS LA PRÉFORME

Publication

EP 3452264 A1 20190313 (DE)

Application

EP 17739872 A 20170713

Priority

- DE 102016009208 A 20160729
- EP 2017000832 W 20170713

Abstract (en)

[origin: WO2018019405A1] The invention relates to a moulding and filling station of an installation for producing filled containers from preforms (2) by means of liquid filling material introduced into the preform (2) under pressure, said moulding and filling station comprising a stretch rod (1) and a liquid duct (3), which can be controlled by means of a filling valve (22), passes through at least part of the stretch rod (1) and ends in at least one outlet opening (4a, 4b, 4c, 4d, 5) in the stretch rod (1), and being characterised in that a gas barrier (6, 6a, 6b) is provided in the liquid duct (3) between the filling valve (22) and the outlet opening (4a, 4b, 4c, 4d, 5). The invention also relates to a stretch rod (1) for a moulding and filling station, having a filling material duct (3) and at least one outlet opening (4a, 4b, 4c, 4d, 5) for discharging filling material, a gas barrier (6, 6a, 6b) being provided in the filling material duct (3).

IPC 8 full level

B29C 49/12 (2006.01)

CPC (source: EP US)

B29C 49/06 (2013.01 - US); **B29C 49/12** (2013.01 - EP US); **B29C 49/06** (2013.01 - EP); **B29C 49/1212** (2022.05 - EP US); **B29C 49/78** (2013.01 - US); **B29C 2049/023** (2013.01 - EP); **B29C 2049/4664** (2013.01 - EP US); **B29C 2949/0715** (2022.05 - EP); **B29L 2031/7158** (2013.01 - US)

Citation (search report)

See references of WO 2018019405A1

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018019405 A1 20180201; CN 109476066 A 20190315; DE 102016009208 A1 20180201; EP 3452264 A1 20190313; US 2020001514 A1 20200102

DOCDB simple family (application)

EP 2017000832 W 20170713; CN 201780045084 A 20170713; DE 102016009208 A 20160729; EP 17739872 A 20170713; US 201716314213 A 20170713