

Title (en)
FILLING PLANT

Title (de)
ABFÜLLANLAGE

Title (fr)
INSTALLATION DE REMPLISSAGE

Publication
EP 3689815 B1 20221012 (EN)

Application
EP 19305107 A 20190129

Priority
EP 19305107 A 20190129

Abstract (en)
[origin: EP3689815A1] There is described a filling plant (1) for the filling of receptacles (2) comprising at least an isolation chamber (14) having an inner space (15), a conditioning device for controlling the gas atmosphere within the inner space (15), a filling apparatus (18) for filling the receptacles (2) and a conveying device (19) for advancing the receptacles (2) along an advancement path (P) to and/or away from the filling apparatus (18). The isolation chamber (14) comprises at least one isolation channel (35; 36) arranged downstream or upstream from the filling apparatus (18) along the advancement path (P) and the conditioning unit controls a flow of a gas within the isolation channel (35; 36). The conveying device (19) comprises at least one conveyor (50) for advancing the receptacles (2) along at least a portion of the advancement path (P) and through at least a portion of the isolation channel (35; 36) and having a plurality of gripping assemblies (51), each gripping assembly (51) configured to arrange one respective receptacle (2) such that at least a portion (6) of the respective receptacle (2) is arranged within the isolation channel (35; 36).

IPC 8 full level
B67C 7/00 (2006.01); **B65G 47/84** (2006.01); **B67C 3/22** (2006.01)

CPC (source: EP)
B67C 7/0053 (2013.01); **B67C 7/0086** (2013.01); **B67C 2003/228** (2013.01)

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

DOCDB simple family (publication)
EP 3689815 A1 20200805; EP 3689815 B1 20221012; WO 2020156786 A1 20200806

DOCDB simple family (application)
EP 19305107 A 20190129; EP 2020050653 W 20200113