

Title (en)

DEVICE AND METHOD FOR FILLING NESTED CONTAINERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEFÜLLEN GENESTETER GEBINDE

Title (fr)

DISPOSITIF ET PROCÉDÉ DESTINÉS AU REMPLISSAGE DE RÉCIPIENTS EMBOÎTÉS

Publication

EP 3342719 B1 20220302 (DE)

Application

EP 17207888 A 20171218

Priority

DE 102017100010 A 20170102

Abstract (en)

[origin: US2018186481A1] A filling device for filling nested containers, which are arranged in at least one row in a nest and are conveyable by means of a conveying device, having a filling station for simultaneously filling the containers of one row, having at least one weighing station for weighing a row of containers, having a first gripping device for simultaneously removing a row of containers to be filled and for transferring said containers to a first weighing station of the at least one weighing station and for transferring the weighed containers from the at least one weighing station back into the nest or into a different nest. The filling device additionally comprises a second gripping device, for simultaneously removing the row of filled and weighed containers and for transferring said containers to the first weighing station or to a second weighing station of the at least one weighing station and for transferring the row of filled and twice weighed containers from the at least one weighing station back into the nest or into a different nest.

IPC 8 full level

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CPC (source: EP US)

B65B 1/46 (2013.01 - EP US); **B65B 3/003** (2013.01 - EP US); **B65B 3/006** (2013.01 - EP US); **B65B 3/04** (2013.01 - US); **B65B 3/28** (2013.01 - EP US); **B65B 7/28** (2013.01 - EP US); **B65B 35/36** (2013.01 - EP US); **B65B 43/46** (2013.01 - EP US); **B65B 43/54** (2013.01 - EP US)

Cited by

US2022299356A1; WO2023144203A1

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EP 17207888 A 20171218; DE 102017100010 A 20170102; EP 21215240 A 20171218; ES 17207888 T 20171218; US 201715858737 A 20171229