

Title (en)
TREATMENT APPARATUS FOR RECEPTACLES

Title (de)
BEHANDLUNGSVORRICHTUNG FÜR BEHÄLTER

Title (fr)
APPAREIL DE TRAITEMENT POUR RÉCEPTACLES

Publication
EP 3450337 A2 20190306 (EN)

Application
EP 18188351 A 20180809

Priority
IT 201700096625 A 20170828

Abstract (en)
What is described is a treatment apparatus (1) for treating receptacles (2) and a method for a format change of such an apparatus (1). The apparatus (1) comprises a carousel conveyor (10) adapted to rotate around a central axis (B) to advance the receptacles (2) along a predetermined path (P), and a plurality of support units (13) placed on the carousel conveyor (10). Each support unit (13) is equipped with a pedestal (26) adapted to support a respective receptacle (2), a support bar (37) carrying the respective pedestal (26), and a support housing having an inner channel. Each support bar (37) is housed in the respective channel and is adapted to slide in the respective channel in a respective predetermined linear direction (D1). Additionally, each support unit (13) comprises a locking assembly (40, 40') adapted to interact with the respective support bar (37) and the respective channel and being controllable in at least a locking configuration and in at least a release configuration to respectively lock or release the support bar (37) and respectively prevent or allow the sliding of the support bar (37) in the respective channel.

IPC 8 full level
B65C 9/02 (2006.01); **B65C 9/04** (2006.01); **B67C 3/24** (2006.01)

CPC (source: EP)
B65C 9/02 (2013.01); **B65C 9/045** (2013.01); **B67C 3/24** (2013.01); **B67C 2003/2668** (2013.01)

Citation (applicant)
EP 1264771 A1 20021211 - PE SRL [IT]

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)
EP 3450337 A2 20190306; **EP 3450337 A3 20190417**; **EP 3450337 B1 20200415**; IT 201700096625 A1 20190228

DOCDB simple family (application)
EP 18188351 A 20180809; IT 201700096625 A 20170828