

Title (en)

METHOD AND APPARATUS FOR CLEANING A STACK OF OBJECTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REINIGEN EINES STAPELS VON GEGENSTÄNDEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR NETTOYER UN EMPILEMENT D'OBJETS

Publication

**EP 4117832 B1 20240515 (EN)**

Application

**EP 20718838 A 20200309**

Priority

- NL 2020050155 W 20200309
- EP 19020121 A 20190312

Abstract (en)

[origin: WO2020185076A1] A method for cleaning objects stacked in the manner of a stack, for example trays (T), more particularly trays for eggs or food products as fruit or vegetables, comprising, • - placing the objects stacked into each other on a support element • - setting the stack briefly in motion, whereby the objects stacked into each other briefly come loose from each other; and • - passing this stack through a cleaning liquid (10). In addition, an apparatus comprising a cleaning unit (8) wherein the cleaning unit furthermore comprises a drop tower (1) for guiding trays (T) substantially vertically from a supply conveyor (2) to, and dropping the trays (T) in, a basin (9) placed thereunder which comprises cleaning liquid (10).

IPC 8 full level

**B08B 9/08** (2006.01); **B08B 3/04** (2006.01); **B08B 7/02** (2006.01)

CPC (source: EP)

**B08B 3/041** (2013.01); **B08B 7/02** (2013.01); **B08B 9/0861** (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)

**WO 2020185076 A1 20200917**; EP 4117832 A1 20230118; EP 4117832 B1 20240515; EP 4117832 C0 20240515

DOCDB simple family (application)

**NL 2020050155 W 20200309**; EP 20718838 A 20200309