

Title (en)
UNLOADER OF ROD-LIKE ARTICLES OF THE TOBACCO INDUSTRY

Title (de)
ENTLADEVORRICHTUNG FÜR STABFÖRMIGE ARTIKEL DER TABAKINDUSTRIE

Title (fr)
DÉCHARGEUR D'ARTICLES EN FORME DE TIGE POUR L'INDUSTRIE DU TABAC

Publication
EP 3801075 A1 20210414 (EN)

Application
EP 19759730 A 20190605

Priority
• PL 42582618 A 20180605
• PL 43009219 A 20190604
• IB 2019054660 W 20190605

Abstract (en)
[origin: WO2019234644A1] The object of the invention is an unloader (30, 60, 70) of a container (1, 41, 51) for rod-like articles (R) for the tobacco industry comprising: a movable intermediate storage hopper (31, 31'), an unloading region (38) for unloading of the filled container (1, 41, 51) located below the intermediate storage hopper, characterized in that movable support means (24, 48, 58), located below the unloading region (38) of the filled container (1, 41, 51), is adapted to insert support surfaces (11) for supporting rod-like articles (R) from below into the chamber (5, 42, 52) of the container (1, 41, 51) through the oblong openings (10, 47, 57) in the bottom (4, 46, 56) of the chamber (5, 42, 52) of the container (1, 41, 51), the intermediate storage (31, 31') is movable in such a way that it moves from the space above the unloading region (38) into a space beyond the unloading region (38), the intermediate storage hopper (31, 31'), having at least two vertical side walls, is adapted to be loaded with rod-like articles (R) from below of the tobacco industry, further the intermediate storage (31, 31') is provided with blocking means (35, 35') adapted to support the rod-like articles (R) inside the intermediate storage hopper (31, 31'). The object of the invention is also a method of unloading the container.

IPC 8 full level
A24C 5/356 (2006.01); **B65D 25/04** (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP)
A24C 5/356 (2013.01); **B65D 25/04** (2013.01); **B65D 83/0005** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019234644 A1 20191212; EP 3801075 A1 20210414; EP 3801075 B1 20240228

DOCDB simple family (application)
IB 2019054660 W 20190605; EP 19759730 A 20190605