

Title (en)
TOILET-PAPER-ROLL HOLDER

Title (de)
TOILETTENPAPIERROLLENHALTER

Title (fr)
SUPPORT DE ROULEAU DE PAPIER HYGIÉNIQUE

Publication
EP 3282909 B1 20190619 (DE)

Application
EP 16716042 A 20160413

Priority
• DE 102015105580 A 20150413
• EP 2016058116 W 20160413

Abstract (en)
[origin: CA2978227A1] The invention relates to a holder (10) for at least two toilet-paper rolls (12, 14) which are arranged one above the other and consist of a paper web (56) wound up on a sleeve (52, 54) or a shaft, comprising a first and a second wall (28, 30) which are arranged at a distance parallel to each other, wherein each of the walls (28, 30) has a guide (40, 42) for receiving one end each of the shaft or of a shaft journal, which can be received in an opening in the sleeve, wherein the guide (40, 42) has a substantially vertically running supply portion (40b) for supplying a toilet-paper roll (12, 14), said supply portion merging into an unrolling portion (40c) running at an inclination with respect to the vertical in the direction of at least one first tear-off element (60, 62) or a stop (72), wherein the gravitational force of the toilet-paper roll (12, 14) located in the unrolling portion (40c) causes said toilet-paper roll to lie circumferentially against the stop (72), and wherein the paper web (56) can be unrolled from the toilet-paper roll (14) through a removal opening (58) and can be torn off at the at least one tear-off element (60, 62). In order, with a low construction depth, to permit the toilet paper to be unrolled irrespective of the winding direction of the toilet-paper roll, it is provided that the first wall (28) forms a rear wall (18) or is connected to such a rear wall such that an axis of rotation (46) of the toilet-paper roll (12, 14) runs perpendicularly to the rear wall (18), wherein the toilet-paper roll (12, 14) can be received and can be unrolled irrespective of its unrolling direction in the guides (40, 42) of the first and second wall (28, 30), that the stop (74) has a surface (73) which is convex with respect to a circumferential surface of the toilet-paper roll (12, 14), and therefore the toilet-paper roll (12, 14) can be unrolled in both directions, and that the holder (10) has a second tear-off element (62) which is arranged substantially parallel to the first tear-off element (60) on the opposite side of the removal opening, wherein the first and the second tear-off element (60, 62) form lateral delimitations of the removal opening (58).

IPC 8 full level
A47K 10/36 (2006.01)

CPC (source: EP IL US)
A47K 10/3687 (2013.01 - EP IL US); **A47K 10/38** (2013.01 - EP IL US)

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)
DE 102015105580 B3 20160915; AU 2016248917 A1 20171012; AU 2016248917 B2 20200402; CA 2978227 A1 20161020; DK 3282909 T3 20190923; EA 033987 B1 20191217; EA 201792040 A1 20180330; EP 3282909 A1 20180221; EP 3282909 B1 20190619; ES 2746830 T3 20200309; GE AP201914605 A 20190812; GE P20207063 B 20200210; HR P20191630 T1 20191213; HU E045245 T2 20191230; IL 254550 A0 20171130; IL 254550 B 20210325; JP 2018512989 A 20180524; LT 3282909 T 20191025; NZ 735489 A 20210129; PL 3282909 T3 20191129; PT 3282909 T 20190926; SI 3282909 T1 20191030; US 10299637 B2 20190528; US 2018084953 A1 20180329; WO 2016166157 A1 20161020

DOCDB simple family (application)
DE 102015105580 A 20150413; AU 2016248917 A 20160413; CA 2978227 A 20160413; DK 16716042 T 20160413; EA 201792040 A 20160413; EP 16716042 A 20160413; EP 2016058116 W 20160413; ES 16716042 T 20160413; GE AP2016014605 A 20160413; HR P20191630 T 20190910; HU E16716042 A 20160413; IL 25455017 A 20170918; JP 2018505530 A 20160413; LT 16716042 T 20160413; NZ 73548916 A 20160413; PL 16716042 T 20160413; PT 16716042 T 20160413; SI 201630382 T 20160413; US 201615562941 A 20160413