

Title (en)

PRODUCTS AND METHODS FOR REDUCING TOILET PAPER CONSUMPTION

Title (de)

PRODUKTE UND VERFAHREN ZUR REDUZIERUNG DES TOILETTENPAPIERVERBRAUCHS

Title (fr)

PRODUITS ET PROCÉDÉS POUR LA RÉDUCTION DE LA CONSOMMATION DE PAPIER TOILETTE

Publication

EP 4142557 A2 20230308 (EN)

Application

EP 21796683 A 20210428

Priority

- US 202063017305 P 20200429
- US 2021029753 W 20210428

Abstract (en)

[origin: WO2021222474A2] A toilet paper roll includes toilet paper wrapped to define a central opening having an interior diameter. The toilet paper is scored to form sheets. Each sheet has a width in a range of 2 inches to 3.6 inches. A toilet paper roll adapter includes a first portion to engage an interior diameter of a roll of toilet paper roll and a second portion concentric with the first portion. The second portion has a radius greater than the interior diameter of the toilet paper roll and adapts the width of the toilet paper.

IPC 8 full level

A47K 10/16 (2006.01); **A47K 10/22** (2006.01)

CPC (source: EP US)

A47K 10/16 (2013.01 - EP US); **A47K 10/405** (2013.01 - EP); **D21H 27/002** (2013.01 - EP); **A47K 10/3845** (2013.01 - EP);
A47K 2010/3206 (2013.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021222474 A2 20211104; **WO 2021222474 A3 20211209**; EP 4142557 A2 20230308; EP 4142557 A4 20240529;
US 2023165413 A1 20230601

DOCDB simple family (application)

US 2021029753 W 20210428; EP 21796683 A 20210428; US 202117922090 A 20210428