

Title (en)  
TOILET PAPER ROLL

Title (de)  
TOILETTENPAPIERROLLE

Title (fr)  
ROULEAU DE PAPIER HYGIÉNIQUE

Publication  
**EP 4356802 A1 20240424 (EN)**

Application  
**EP 22875380 A 20220310**

Priority  
• JP 2021161611 A 20210930  
• JP 2022010728 W 20220310

Abstract (en)  
Provided is a toilet paper roll which is fit for a longer toilet paper suitable for use for toilets with washing function. The toilet paper roll including a paper core and 2-ply toilet paper wound thereon, the 2-ply toilet paper having two plies adhered together by way of recesses formed by embossing, wherein the toilet paper roll has a roll diameter of 120 mm or smaller, and a roll length of 34.5 to 50 m, wherein the toilet paper has first and second plies, the first ply having first and second recesses of different depths formed by embossing, wherein the depth of the first recesses is 0.17 to 0.23 mm, and the depth of the second recesses is smaller than the depth of the first recesses, and wherein the toilet paper has been wound on the paper core with the first ply facing externally with respect to the paper core.

IPC 8 full level  
**A47K 10/16** (2006.01)

CPC (source: EP)  
**A47K 10/16** (2013.01); **D21H 27/002** (2013.01); **D21H 27/02** (2013.01); **D21H 27/30** (2013.01); **D21H 27/40** (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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4356802 A1 20240424**; CN 117355243 A 20240105; JP 2023051122 A 20230411; TW 202315561 A 20230416;  
WO 2023053496 A1 20230406

DOCDB simple family (application)  
**EP 22875380 A 20220310**; CN 202280037205 A 20220310; JP 2021161611 A 20210930; JP 2022010728 W 20220310;  
TW 111109365 A 20220315