

Title (en)
TOILET PAPER

Title (de)
TOILETTENPAPIER

Title (fr)
PAPIER HYGIÉNIQUE

Publication
EP 3907328 A1 20211110 (EN)

Application
EP 20766224 A 20200212

Priority
• JP 2019040905 A 20190306
• JP 2020005222 W 20200212

Abstract (en)
To provide a toilet paper that provides an excellent thick feeling, has excellent water-disintegrability, has sufficient softness, provides a security feeling to a human body during use, and is environmentally friendly. The problem is solved by a 3-ply or 4-ply toilet paper, each ply having a basis weight of 10.5 to 12.5 g/m², containing oxygen-pulped and non-chlorine-bleached softwood kraft pulp in an amount of 50 to 100% by mass of fibers, containing a cationic fatty acid amide-based softener, each ply having a paper thickness of 80 to 100 μm, having a paper thickness of 320 to 400 μm as the entire toilet paper, and having water-disintegrability of 10 seconds or less.

IPC 8 full level
D21C 3/00 (2006.01); **A47K 10/16** (2006.01); **D21H 17/07** (2006.01)

CPC (source: EP KR US)
A47K 10/16 (2013.01 - KR US); **D21H 11/04** (2013.01 - KR US); **D21H 17/07** (2013.01 - EP KR US); **D21H 21/24** (2013.01 - KR); **D21H 27/002** (2013.01 - EP KR); **D21H 27/005** (2013.01 - KR US); **D21H 27/30** (2013.01 - EP US); **A47K 10/16** (2013.01 - EP)

Cited by
US2023374733A1; US12091820B2

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BA ME

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EP 3907328 A1 20211110; **EP 3907328 A4 20221005**; **EP 3907328 B1 20231206**; CN 113330158 A 20210831; CN 113330158 B 20221115; JP 2020141870 A 20200910; JP 7175801 B2 20221121; KR 102683635 B1 20240709; KR 20210134645 A 20211110; US 2022127790 A1 20220428; WO 2020179379 A1 20200910

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