

Title (en)

LIGHT PACKAGING PAPER FOR FOOD HAVING IMPROVED RESISTANCE TO FATS

Title (de)

LEICHTES VERPACKUNGSPAPIER FÜR LEBENSMITTEL MIT VERBESSERTEM WIDERSTAND GEGEN FETTE

Title (fr)

PAPIER D'EMBALLAGE LÉGER POUR PRODUITS ALIMENTAIRES AYANT UNE RÉSISTANCE AMÉLIORÉE VIS-À-VIS DES GRAISSES

Publication

**EP 3253918 B1 20180711 (DE)**

Application

**EP 17720385 A 20170413**

Priority

- DE 102016106852 A 20160413
- EP 2017058970 W 20170413

Abstract (en)

[origin: WO2017178604A1] The invention relates to packaging paper for food, having a surface weight of 20 g/m<sup>2</sup> to 50 g/m<sup>2</sup>, comprising cellulose fibers and one or more filler materials, wherein the quantity of filler materials totals between 5 wt% and 20 wt%, relative to the weight of the packaging paper, wherein the packaging paper comprises a sizing agent that is contained in such a quantity that a relative water absorption capacity of 0.4 to 0.7 results on both sides, wherein the relative water absorption capacity is defined as the quotient from the Cobb60 value, determined according to ISO 535:2014, and the surface weight, has a coating on at least one side that comprises nanoparticles of a thickness, wherein the packaging paper contains between 1 g/m<sup>2</sup> and 6 g/m<sup>2</sup> of said nanoparticles, contains no compounds of the structure CF<sub>3</sub>(CF<sub>2</sub>)<sub>n</sub>(CH<sub>2</sub>)<sub>m</sub>X, wherein n=5 or n=7 and m=0.1 or 2 and X is a hydroxy group (X=OH) or a carboxy group (X=COOH), or the proportion of such compounds relative to the total mass of the packaging paper does not exceed 0.1%, and has a resistance to fats and oils from 6 to 12, described by the kit level according to TAPPI T559 cm-12, wherein, in the test according to TAPPI T559 cm-12, test fluids are applied to the at least one side coated with said nanoparticles.

IPC 8 full level

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CPC (source: EP US)

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