

Title (en)

CRAFT PAPER AND PAPER BAG MADE THEREFROM

Title (de)

KRAFTPAPIER SOWIE DARAUS GEFERTIGTER PAPIERSACK

Title (fr)

PAPIER KRAFT AINSI QUE SAC EN PAPIER FABRIQUÉ EN PAPIER KRAFT

Publication

EP 3795745 A1 20210324 (DE)

Application

EP 19198690 A 20190920

Priority

EP 19198690 A 20190920

Abstract (en)

[origin: CA3153632A1] The invention relates to a kraft paper having a grammage according to ISO 536 of between 60 g/m² and 120 g/m², in particular between 70 g/m² and 110 g/m², a density of between 680 kg/m³ and 720 kg/m³, and a tensile strength index in the machine direction according to ISO 1924-3 of between 79 kNm/kg and 98 kNm/kg, said kraft paper optionally having a coating and/or an auxiliary element on at least one side. According to the invention: the kraft paper is made of a pulp having an average pulp fibre length of 2.2 mm to 2.7 mm with a minimum pulp content in the kraft paper of at least 96% wt.%, preferably at least 97 wt.%; a pore volume of the uncoated kraft paper measured by mercury porosimetry according to ISO 15901-1 is between 200 µl/g and 220 ml/g; in the thickness direction of the paper, there are regions of different porosities measured by mercury porosimetry according to ISO 15901-1; and at least one region has pores with a pore diameter of less than or equal to 0.3 µm. The invention also relates to a paper sack.

IPC 8 full level

D21H 11/04 (2006.01); **D21H 17/28** (2006.01); **D21H 27/10** (2006.01)

CPC (source: EP US)

D21H 11/04 (2013.01 - EP US); **D21H 15/00** (2013.01 - US); **D21H 17/28** (2013.01 - EP); **D21H 27/10** (2013.01 - EP US)

Citation (search report)

- [A] WO 2009112635 A1 20090917 - KAUTAR OY [FI], et al
- [A] WO 2015035434 A1 20150319 - MONDI AG [AT]
- [A] EP 1818451 A1 20070815 - MONDI PACKAGING FRANTSCHACH GM [AT]
- [A] EP 3184296 A1 20170628 - BILLERUDKORSNAES AB [SE]
- [A] EP 3088606 A1 20161102 - BILLERUDKORSNAES AB [SE]
- [A] EP 2963178 A1 20160106 - BILLERUDKORSNAES AB [SE]
- [A] EP 3168362 A1 20170517 - BILLERUDKORSNAES AB [SE]

Citation (third parties)

Third party : BillerudKorsnas AB

- WO 2009112635 A1 20090917 - KAUTAR OY [FI], et al
- EP 3168362 A1 20170517 - BILLERUDKORSNAES AB [SE]
- WO 2015035434 A1 20150319 - MONDI AG [AT]
- ANONYMOUS: "PAPPERSORDLISTA - SVENSK STANDARD SS 15 20 05 , Utgava 4", 29 January 1992, Stockholm, article "PAPPERSORDLISTA / Passage/", pages: 222 - 225, XP055896789

Third party : KRANSELL & WENNBORG,

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Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

EP 19198690 A 20190920; CA 3153632 A 20200918; EP 2020076177 W 20200918; US 202017762146 A 20200918; ZA 202203880 A 20220405