

Title (en)

Non-woven material for use as moisture-permeable, microporous luxury food packaging

Title (de)

Vliesstoff zur Verwendung als feuchtedurchlässiges, mikroporöses Genussmittelverpackungsmaterial

Title (fr)

Non-tissé destiné à l'utilisation en tant que matériau d'emballage de friandises microporeuses laissant passer l'humidité

Publication

EP 2138056 A2 20091230 (DE)

Application

EP 09163337 A 20090622

Priority

- DE 102008030391 A 20080626
- DE 102008038556 A 20080820

Abstract (en)

The fabric has pre-solidified base fibrous web formed of viscous fibers and exhibiting a reduced portion of bonding agents and/or fusible fibers made of thermoplastic polymer material. The fabric contains polypropylene fibers. The agents are partially cross-linked or not entirely cross-linked, and are obtained from polymer dispersion. The agents are present on a side of the web. The agents are introduced into the web by foam impregnation. The agents act as thermoplastic binders on basis of acrylic resins or as crosslinkable binders on basis of vinyl acetate copolymers.

Abstract (de)

Die Erfindung betrifft einen Vliesstoff zur Verwendung als feuchtedurchlässiges, mikroporöses Genussmittelverpackungsmaterial, der aus einem Grundvlies aus Viskosefasern, der mittels Wasserstrahl vorverfestigt ist, besteht und einen reduzierten Anteil an Bindemitteln und/oder schmelzbaren Fasern aus einem thermoplastischen Polymermaterial aufweist.

IPC 8 full level

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CPC (source: EP US)

B65D 65/38 (2013.01 - EP); **B65D 85/804** (2013.01 - EP); **D04H 1/4258** (2013.01 - EP); **D04H 1/4291** (2013.01 - EP); **D04H 1/43835** (2020.05 - EP US); **D04H 1/48** (2013.01 - EP); **D04H 1/49** (2013.01 - EP); **D04H 1/54** (2013.01 - EP); **D04H 1/5418** (2020.05 - EP US); **D04H 1/542** (2013.01 - EP); **D04H 1/544** (2013.01 - EP); **D04H 1/587** (2013.01 - EP); **D04H 1/68** (2013.01 - EP)

Citation (applicant)

- WO 2008056135 A2 20080515 - BRITISH AMERICAN TOBACCO CO [GB], et al
- WO 2008062301 A1 20080529 - AZIONARIA COSTRUZIONI ACMA SPA [IT], et al

Citation (third parties)

Third party :

- US 4980215 A 19901225 - SCHONBRUN KEITH M [US]
- JÜRG RUPP: "DRYLAI D NONWOVENS", TEXTILE WORLD, 2005, XP055214214, Retrieved from the Internet <URL:HTTP://WWW.TEXTILEWORLD.COM/ISSUES/2008/MARCH-APRIL/NONWOVENS-TECHNICAL_TEXTILES/DRYLAI D_NONWOVENS>
- RUPP J.: "SPUNLANCED OR HYDROENTANGLED NONWOVENS", TEXTIL WORLD, July 2008 (2008-07-01), pages 1 - 4, XP055223238

Cited by

GB2504495A; CN107954259A; US9913491B2; US10973256B2; DE102020123688A1; WO2022023318A2; EP2692254B1; EP4327790A1; WO2024041826A1; WO2022023318A3; EP3192380B1

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