

Title (en)

COATED PAPER SUITABLE FOR USE IN A SACK

Title (de)

ZUR VERWENDUNG IN EINEM SACK GEEIGNETES, BESCHICHTETES PAPIER

Title (fr)

PAPIER REVÊTU APPROPRIÉ POUR UNE UTILISATION DANS UN SAC

Publication

EP 4198199 A1 20230621 (EN)

Application

EP 21214389 A 20211214

Priority

EP 21214389 A 20211214

Abstract (en)

There is provided a coated paper comprising a kraft paper substrate, a precoating layer provided on the kraft paper substrate and a water vapour barrier coating layer provided on the pre-coating layer. The grammage according to ISO 536:2019 of the coated paper is 65-155 g/m², the pre-coating layer comprises inorganic filler and binder in a dry weight ratio of between 100:25 and 100:5 and the water vapour barrier coating layer comprises clay pigment and styrene-butadiene co-polymer (SBR) binder in a dry weight ratio between 100:30 and 100:80. The particle size distribution (% < 2 µm) of said clay pigment is above 90 and the shape factor of said clay pigment is below 20, such as below 10.

IPC 8 full level

D21H 19/82 (2006.01); **D21H 27/10** (2006.01)

CPC (source: EP)

D21H 19/82 (2013.01); **D21H 19/822** (2013.01); **D21H 27/10** (2013.01)

Citation (search report)

- [I] WO 2017108910 A1 20170629 - BILLERUDKORSNAES AB [SE]
- [A] WO 2016001029 A1 20160107 - BILLERUDKORSNAES AB [SE]

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 4198199 A1 20230621; **EP 4198199 B1 20240110**; CA 3240543 A1 20230622; FI 4198199 T3 20240417; WO 2023111088 A1 20230622

DOCDB simple family (application)

EP 21214389 A 20211214; CA 3240543 A 20221214; EP 2022085973 W 20221214; FI 21214389 T 20211214