

Title (en)  
LIGHTWEIGHT SEPARATING BASE PAPER

Title (de)  
LEICHTES TRENNBASISPAPIER

Title (fr)  
PAPIER DE BASE DE SÉPARATION LÉGER

Publication  
**EP 3830337 A1 20210609 (DE)**

Application  
**EP 19725943 A 20190514**

Priority  
• DE 102018118271 A 20180727  
• EP 2019062260 W 20190514

Abstract (en)  
[origin: WO2020020503A1] The invention relates to a separating base paper, having a mass per unit area of at least 25 g/m<sup>2</sup> and at most 40 g/m<sup>2</sup> and a density of at least 0.90 g/cm<sup>3</sup> and at most 1.15 g/cm<sup>3</sup>. The separating base paper comprises at least 50 wt% of long-fiber pulp and is coated on at least one side with at least two coatings. The first coating is located between a paper surface and the second coating. The second coating is a topmost coating and comprises a water-soluble film-forming polymer, nanofibrillated cellulose, microfibrillated cellulose or nanocrystalline cellulose. The Cobb-Unger (120 s) value of the surface having said first and second coatings is at least 0.01 g/m<sup>2</sup> and at most 0.90 g/m<sup>2</sup>.

IPC 8 full level  
**D21H 27/00** (2006.01); **A24D 3/02** (2006.01); **D21H 19/34** (2006.01); **D21H 19/38** (2006.01); **D21H 19/52** (2006.01); **D21H 19/54** (2006.01); **D21H 19/60** (2006.01); **D21H 19/82** (2006.01); **D21H 27/10** (2006.01)

CPC (source: EP US)  
**A24D 1/02** (2013.01 - US); **A24D 1/20** (2020.01 - US); **D21H 11/02** (2013.01 - US); **D21H 19/12** (2013.01 - US); **D21H 19/34** (2013.01 - EP); **D21H 19/38** (2013.01 - EP); **D21H 19/40** (2013.01 - US); **D21H 19/52** (2013.01 - EP US); **D21H 19/54** (2013.01 - EP US); **D21H 19/60** (2013.01 - EP US); **D21H 19/828** (2013.01 - EP US); **D21H 27/00** (2013.01 - US); **D21H 27/001** (2013.01 - EP); **D21H 27/10** (2013.01 - EP); **A24D 1/02** (2013.01 - EP); **A24D 1/20** (2020.01 - EP)

Citation (search report)  
See references of WO 2020020503A1

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

DOCDB simple family (publication)  
**WO 2020020503 A1 20200130**; CN 112384657 A 20210219; CN 112384657 B 20230324; DE 102018118271 A1 20200130; EP 3830337 A1 20210609; JP 2021531033 A 20211118; JP 7291776 B2 20230615; US 2021274831 A1 20210909

DOCDB simple family (application)  
**EP 2019062260 W 20190514**; CN 201980045000 A 20190514; DE 102018118271 A 20180727; EP 19725943 A 20190514; JP 2021504464 A 20190514; US 201917257807 A 20190514