

Title (en)  
HEAT-SEALABLE BARRIER PAPER

Title (de)  
HEIßSIEGELFÄHIGES BARRIEREPAPIER

Title (fr)  
PAPIER BARRIÈRE THERMOUSOUDABLE

Publication  
**EP 3752673 A1 20201223 (DE)**

Application  
**EP 19706430 A 20190213**

Priority  
• DE 102018103206 A 20180213  
• DE 102018113695 A 20180608  
• DE 102019103343 A 20190211  
• EP 2019053517 W 20190213

Abstract (en)  
[origin: CA3089434A1] The invention relates to a heat-sealable barrier paper comprising or consisting of a) a carrier substrate, having a front side and a rear side opposite the front side, b) optionally an intermediate layer arranged on the front side of the carrier substrate, comprising a bonding agent, c) a first barrier layer arranged on the front side of the carrier substrate or, insofar as there is an intermediate layer, on the intermediate layer, comprising a cross-linked polysaccharide, d) a second barrier layer arranged on the first barrier layer, consisting of or comprising i) an acrylate-copolymer and/or ii) a vegetable oil-based wax. The invention further relates to the use of a barrier paper for packaging products, to a method for heat sealing a barrier paper according to the invention and to a method for producing a barrier paper.

IPC 8 full level  
**D21H 27/10** (2006.01); **D21H 19/18** (2006.01); **D21H 19/20** (2006.01); **D21H 19/62** (2006.01); **D21H 19/82** (2006.01)

CPC (source: EP US)  
**D21H 19/18** (2013.01 - EP US); **D21H 19/20** (2013.01 - EP US); **D21H 19/34** (2013.01 - US); **D21H 19/62** (2013.01 - EP); **D21H 19/82** (2013.01 - EP); **D21H 19/824** (2013.01 - EP US); **D21H 19/826** (2013.01 - EP); **D21H 25/02** (2013.01 - US); **D21H 27/10** (2013.01 - EP US); **D21H 17/24** (2013.01 - EP); **D21H 17/60** (2013.01 - EP)

Citation (search report)  
See references of WO 2019158566A1

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)  
**DE 102019103343 A1 20190814**; AU 2019221521 A1 20200806; AU 2019221521 B2 20221124; CA 3089434 A1 20190822; CN 111712599 A 20200925; EP 3752673 A1 20201223; JP 2021513010 A 20210520; NZ 766713 A 20200822; US 11371189 B2 20220628; US 2021002828 A1 20210107; WO 2019158566 A1 20190822

DOCDB simple family (application)  
**DE 102019103343 A 20190211**; AU 2019221521 A 20190213; CA 3089434 A 20190213; CN 201980012960 A 20190213; EP 19706430 A 20190213; EP 2019053517 W 20190213; JP 2019557622 A 20190213; NZ 76671319 A 20200731; US 201916969241 A 20190213