

Title (en)
HEAT SEALABLE COATED PAPER PRODUCT

Title (de)
HEISSIEGELBARES BESCHICHTETES PAPIERPRODUKT

Title (fr)
PRODUIT EN PAPIER COUCHÉ THERMOSCELLABLE

Publication
EP 4382666 A1 20240612 (EN)

Application
EP 22211942 A 20221207

Priority
EP 22211942 A 20221207

Abstract (en)
The present disclosure relates to heat sealable coated paper product comprising a cellulosic fibrous substrate comprising a first and a second side, the first side comprising a single coating layer being applied in direct contact with the fibrous substrate, the coating layer comprises ethylene (meth)acrylic acid copolymer (EAA/EMAA) or ethylene-acrylic acid-methacrylic acid terpolymer (EAAMAA) or mixtures thereof, in an amount of at least 51 % by weight based on the dry weight of the coating layer and a pigment being talc and/or calcium carbonate (CaCO₃). The present disclosure furthermore relates to a method of producing the heat sealable coated paper product.

IPC 8 full level
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Citation (applicant)
• WO 2018185213 A1 20181011 - BILLERUDKORSNAES AB [SE]
• WO 2018185215 A1 20181011 - BILLERUDKORSNAES AB [SE]
• WO 2018185216 A1 20181011 - BILLERUDKORSNAES AB [SE]

Citation (search report)
• [XY] JP 2022179386 A 20221202 - OJI HOLDINGS CORP
• [X] JP 2022011705 A 20220117 - OJI HOLDINGS CORP
• [XI] JP 2022024664 A 20220209 - JUJO PAPER CO LTD
• [X] JP 2022024665 A 20220209 - JUJO PAPER CO LTD
• [Y] US 2010239763 A1 20100923 - AASMUS LARS [FI], et al
• [Y] WO 2022064048 A1 20220331 - BILLERUDKORSNAES AB [SE]

Designated contracting state (EPC)
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Designated extension state (EPC)
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