

Title (en)
SINGLE COATED PAPERBOARD

Title (de)
EINZELN BESCHICHTETER KARTON

Title (fr)
CARTON REVÊTU UNIQUE

Publication
EP 4299832 A1 20240103 (EN)

Application
EP 22181454 A 20220628

Priority
EP 22181454 A 20220628

Abstract (en)
[origin: WO2024003119A1] There is provided a coated paperboard comprising a paperboard substrate and a coating layer applied directly to a surface of a first side of the paperboard substrate, wherein: - the coating layer comprises a polymeric binder and a calcium carbonate pigment in a dry weight ratio between 10:100 and 17:100; - the polymeric binder and the calcium carbonate pigment amount to at least 85% of the dry weight of the coating layer; - the particle size distribution (% < 2 µm) of said calcium carbonate pigment is between 50 and 70; and - the coating layer is the only pigment-based coating applied to the first side of the coated paperboard.

IPC 8 full level
D21H 19/38 (2006.01); **D21H 19/58** (2006.01); **D21H 19/60** (2006.01); **D21H 21/16** (2006.01); **D21H 27/10** (2006.01); **D21H 27/30** (2006.01)

CPC (source: EP)
D21H 19/385 (2013.01); **D21H 19/58** (2013.01); **D21H 19/60** (2013.01); **D21H 21/16** (2013.01); **D21H 27/10** (2013.01); **D21H 27/30** (2013.01)

Citation (search report)
• [X] EP 3388575 A1 20181017 - BILLERUDKORSNAES AB [SE]
• [X] WO 2010114467 A1 20101007 - KORSNAES AB PUBL [SE], et al
• [A] US 2016348318 A1 20161201 - KOENIG MICHAEL F [US], et al
• [A] US 2019177920 A1 20190613 - KOENIG MICHAEL FRANCIS [US]
• [A] US 2020354894 A1 20201112 - GIUSTE SERGIO A [US], et al
• [A] US 2019218719 A1 20190718 - BUSHHOUSE STEVEN G [US], et al
• [A] US 2009239047 A1 20090924 - FUGITT GARY P [US], et al
• [A] US 2020149222 A1 20200514 - PANG JIEBIN [US], et al

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 4299832 A1 20240103; **EP 4299832 B1 20240807**; **EP 4299832 C0 20240807**; WO 2024003119 A1 20240104

DOCDB simple family (application)
EP 22181454 A 20220628; EP 2023067612 W 20230628