

Title (en)

HIGH-PERFORMANCE ENVIRONMENT-FRIENDLY KRAFT LINER BOARD, AND PREPARATION METHOD THEREOF

Title (de)

HOCHLEISTUNGSFÄHIGE, UMWELTFREUNDLICHE KRAFTLINER-PLATTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

PANNEAU DE DOUBLURE KRAFT ÉCOLOGIQUE HAUTE PERFORMANCE ET SON PROCÉDÉ DE PRÉPARATION

Publication

EP 3951049 A1 20220209 (EN)

Application

EP 21166623 A 20210401

Priority

CN 202010587201 A 20200624

Abstract (en)

The present invention discloses a high-performance environment-friendly kraft liner board, comprising a bottom layer, a top layer and a coating layer, which are arranged successively in an order from bottom to top; wherein: the bottom layer is made of a bottom layer pulp composed of a modified wood powdery pulp and a short fiber pulp; the top layer is made of a top layer pulp composed of a long fiber pulp and a short fiber pulp; the coating layer is formed through coating a flame retardant styrene-acrylic latex on the top layer; the long fiber pulp and the short fiber pulp are formed through pulping old domestic corrugated boxes; the flame retardant styrene-acrylic latex consists of modified composite flame retardants, a functional modified styrene-acrylic latex and water. The prepared kraft liner board produced by the invention has good flame retardancy, low cost and environmental protection.

IPC 8 full level

D21H 11/14 (2006.01); **D21H 19/58** (2006.01); **D21H 21/34** (2006.01); **D21H 27/10** (2006.01); **D21H 27/30** (2006.01)

CPC (source: CN EP)

D21B 1/345 (2013.01 - CN); **D21D 1/20** (2013.01 - CN); **D21D 5/02** (2013.01 - CN); **D21F 11/00** (2013.01 - CN); **D21H 11/14** (2013.01 - EP); **D21H 19/58** (2013.01 - EP); **D21H 21/10** (2013.01 - CN); **D21H 21/34** (2013.01 - CN EP); **D21H 23/56** (2013.01 - CN); **D21H 27/10** (2013.01 - CN EP); **D21H 27/30** (2013.01 - CN EP)

Citation (search report)

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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)

EP 3951049 A1 20220209; **EP 3951049 B1 20240110**; CN 111809450 A 20201023; CN 111809450 B 20210302

DOCDB simple family (application)

EP 21166623 A 20210401; CN 202010587201 A 20200624