

Title (en)

EFFICIENT PRODUCTION OF A CONTAINERBOARD TO BE USED AS FLUTING

Title (de)

EFFIZIENTE HERSTELLUNG EINES PAPPKARTONS ZUR VERWENDUNG ALS RIFFELUNG

Title (fr)

PRODUCTION EFFICACE D'UN CARTON-CAISSE DESTINÉ À ÊTRE UTILISÉ EN TANT QUE CANNELURE

Publication

EP 3739114 A1 20201118 (EN)

Application

EP 19174469 A 20190514

Priority

EP 19174469 A 20190514

Abstract (en)

There is provided a method of producing a containerboard having a geometric SCT index of 37.0-42.0 Nm/g when measured according to ISO 9895:2008, comprising the steps of:- providing a pulp having a Schopper-Riegler (SR) value of 15-19 when measured according to ISO 5267-1:1999, wherein at least 70% by dry weight of the pulp is NSSC pulp;- forming a web from the pulp;- pressing the web in a press section comprising a shoe press, wherein the shoe press comprises a shoe press belt having discontinuous grooves and the line load in the shoe press is in the range of 1400-2000 kN/m;- drying the web from the press section in a drying section to obtain said containerboard.

IPC 8 full level

D21F 3/02 (2006.01); **B65D 65/40** (2006.01); **D21F 11/00** (2006.01); **D21H 11/02** (2006.01)

CPC (source: EP US)

D21F 1/02 (2013.01 - US); **D21F 3/0218** (2013.01 - EP); **D21F 3/0227** (2013.01 - US); **D21F 11/00** (2013.01 - EP); **D21H 11/00** (2013.01 - EP); **D21H 27/10** (2013.01 - EP US)

Citation (search report)

- [AD] EP 3026173 A1 20160601 - BILLERUDKORSNAES AB [SE]
- [A] WO 2018054957 A1 20180329 - HOEGLUND HANS [SE], 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

DOCDB simple family (publication)

EP 3739115 A1 20201118; **EP 3739115 B1 20210317**; CA 3137795 A1 20201119; CN 113825876 A 20211221; CN 113825876 B 20240618; EP 3739114 A1 20201118; EP 3739114 B1 20210310; EP 3885490 A1 20210929; EP 3889345 A1 20211006; EP 3889345 B1 20230201; EP 3969658 A1 20220323; ES 2877201 T3 20211116; ES 2882002 T3 20211130; FI 3889345 T3 20230504; PL 3739114 T3 20211025; PL 3739115 T3 20211025; PL 3889345 T3 20230529; US 2022213649 A1 20220707; WO 2020229611 A1 20201119

DOCDB simple family (application)

EP 20174696 A 20200514; CA 3137795 A 20200514; CN 202080035389 A 20200514; EP 19174469 A 20190514; EP 2020063488 W 20200514; EP 20725179 A 20200514; EP 21160868 A 20190514; EP 21160869 A 20200514; ES 19174469 T 20190514; ES 20174696 T 20200514; FI 21160869 T 20200514; PL 19174469 T 20190514; PL 20174696 T 20200514; PL 21160869 T 20200514; US 202017611434 A 20200514