

Title (en)

ROLLING PAPER FOR NON-COMBUSTION HEATING-TYPE SMOKING ARTICLE, NON-COMBUSTION HEATING-TYPE SMOKING ARTICLE, AND ELECTRIC HEATING-TYPE SMOKING SYSTEM

Title (de)

ROLLPAPIER FÜR VERBRENNUNGSFREIES RAUCHPRODUKT, VERBRENNUNGSFREIES RAUCHPRODUKT UND RAUCHSYSTEM MIT ELEKTRISCHER ERHITZUNG

Title (fr)

PAPIER À ROULER POUR ARTICLE À FUMER DU TYPE À CHAUFFAGE SANS COMBUSTION, ARTICLE À FUMER DE TYPE À CHAUFFAGE SANS COMBUSTION ET SYSTÈME À FUMER DE TYPE À CHAUFFAGE ÉLECTRIQUE

Publication

EP 3779042 A4 20211124 (EN)

Application

EP 18920929 A 20180529

Priority

JP 2018020556 W 20180529

Abstract (en)

[origin: EP3779042A1] Provided is a wrapping paper for a non-combustion heating-type smoking article, the wrapping paper having a colored part in which a discriminant score, which is obtained by through substitution performed in formula (1) by using color difference values in a CIELab color system between before and after the wrapping paper is heated at 230° C for 3 minutes, exhibits a numerical value lower than 0.62. Formula (1): discriminant score (y) = $-0.18 \times \Delta L^* + 0.08 \times \Delta a^* + 0.13 \times \Delta b^* - 2.36$ (In formula (1), the color difference values in a CIELab color system between before and after heating are values obtained by subtracting pre-heating L*, a* and b* values from post-heating L*, a* and b* values. ΔL^* represents the difference in lightness L* between before and after heating the wrapping paper; Δa^* represents the difference in chromaticity a* between before and after heating the wrapping paper; and Δb^* represents the difference in chromaticity b* between before and after heating the wrapping paper.)

IPC 8 full level

D21H 27/00 (2006.01); **A24D 1/02** (2006.01); **A24F 40/46** (2020.01); **A24F 40/20** (2020.01)

CPC (source: EP US)

A24D 1/02 (2013.01 - EP); **A24F 40/46** (2020.01 - EP US); **D21H 27/00** (2013.01 - EP); **A24F 40/20** (2020.01 - EP US)

Citation (search report)

- [X] CN 106368069 A 20170201 - CHINA TOBACCO MAUDUIT (JIANGMEN) PAPER IND CO LTD
- [X] WO 2015028812 A1 20150305 - BRITISH AMERICAN TOBACCO CO [GB]
- [X] EP 0495567 A2 19920722 - ROTHMANS BENSON & HEDGES [CA]
- [X] US 5284166 A 19940208 - CARTWRIGHT WILLIAM F [US], et al
- See references of WO 2019229850A1

Cited by

WO2023006968A1

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

DOCDB simple family (publication)

EP 3779042 A1 20210217; **EP 3779042 A4 20211124**; JP 6944593 B2 20211006; JP WO2019229850 A1 20210212; WO 2019229850 A1 20191205

DOCDB simple family (application)

EP 18920929 A 20180529; JP 2018020556 W 20180529; JP 2020522433 A 20180529