

Title (en)  
VACUUM PACKAGING PRODUCT

Title (de)  
VAKUUMVERPACKUNGSPRODUKT

Title (fr)  
PRODUIT D'EMBALLAGE SOUS VIDE

Publication  
**EP 3831742 A4 20220330 (EN)**

Application  
**EP 19839946 A 20190701**

Priority  
• CN 201821214278 U 20180727  
• CN 2019094205 W 20190701

Abstract (en)  
[origin: EP3831742A1] A vacuum packaging product (100), which comprises an outer packaging component (102) and a cartridge (101) used for an electronic cigarette, wherein the outer packaging component (102) covers the cartridge (101), the cartridge (101) is filled with an aerosol formation substrate, the outer packaging component (102) is in a vacuum state so that the inside and the outside of the outer packaging component have a pressure difference, and the outer packaging component (102) is contracted so as to allow the cartridge (101) that is already filled with the aerosol formation substrate to be sealed better and to prevent leaking due to an environment of high temperature, and high or negative pressure during transportation.

IPC 8 full level  
**A24F 47/00** (2020.01); **B65D 81/20** (2006.01)

CPC (source: EP US)  
**A24F 15/01** (2020.01 - EP); **B65D 17/40** (2017.12 - US); **B65D 25/14** (2013.01 - US); **B65D 75/28** (2013.01 - EP); **B65D 75/566** (2013.01 - EP); **B65D 79/02** (2013.01 - EP); **B65D 81/2007** (2013.01 - EP US); **B65D 81/2023** (2013.01 - EP); **B65D 85/00** (2013.01 - US); **B65D 2575/565** (2013.01 - EP); **B65D 2585/68** (2013.01 - US)

Citation (search report)  
• [XAY] US 2016325858 A1 20161110 - AMPOLINI FREDERIC PHILIPPE [US], et al  
• [Y] CN 201272534 Y 20090715 - LINGJUN DANG [CN]  
• [A] JP H04215946 A 19920806 - NOMIX CHIPMAN LTD  
• See references of WO 2020019946A1

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 3831742 A1 20210609**; **EP 3831742 A4 20220330**; CN 208842966 U 20190510; US 2021198026 A1 20210701;  
WO 2020019946 A1 20200130

DOCDB simple family (application)  
**EP 19839946 A 20190701**; CN 201821214278 U 20180727; CN 2019094205 W 20190701; US 202117160344 A 20210127