

Title (en)  
HAIR DYE CONTAINER

Title (de)  
HAARFARBSTOFFBEHÄLTER

Title (fr)  
RÉCIPIENT DE COLORATION CAPILLAIRE

Publication  
**EP 3799763 A1 20210407 (EN)**

Application  
**EP 20199278 A 20200930**

Priority  
JP 2019181484 A 20191001

Abstract (en)  
In order to prevent an application fluid from staining the skin surface when the application fluid is applied, a hair dye container includes a container storing a hair dyeing fluid and a grip, integrated with an application body, and being be attachable to and detachable from the container. The application body includes a fin section having multiple fins arranged at intervals, multiple combs having an outer diameter of at least 1 mm larger than the outer diameter of the fins, and an axial core having the fin section provided around the core to retain the dyeing fluid by capillary action between the fins, some or several fins being interposed between the combs.

IPC 8 full level  
**A45D 19/02** (2006.01); **A45D 34/04** (2006.01); **A45D 40/26** (2006.01); **A46B 9/02** (2006.01)

CPC (source: EP US)  
**A45D 19/026** (2021.01 - EP); **A45D 34/042** (2013.01 - US); **A45D 34/045** (2013.01 - EP); **A45D 40/265** (2013.01 - EP); **A46B 9/021** (2013.01 - EP US); **A46B 9/028** (2013.01 - EP); **A45D 2200/10** (2013.01 - US); **A46B 2200/1046** (2013.01 - US); **A46B 2200/106** (2013.01 - EP)

Citation (applicant)  
• JP 2017071406 A 20170413 - MITSUBISHI PENCIL CO  
• JP 2017023261 A 20170202 - SHISEIDO CO LTD  
• JP 2013529534 A 20130722  
• JP 2007175256 A 20070712 - KAO CORP

Citation (search report)  
• [X1] US 2008023024 A1 20080131 - MANICI DAVIDE [IT], et al  
• [X1] US 2017013942 A1 20170119 - SCHREIBER CAMILLE [FR], et al  
• [X1] US 2010269842 A1 20101028 - GUERET JEAN-LOUIS H [FR]

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 3799763 A1 20210407**; JP 2021053265 A 20210408; JP 2024052877 A 20240412; JP 7446755 B2 20240311; US 2021093068 A1 20210401

DOCDB simple family (application)  
**EP 20199278 A 20200930**; JP 2019181484 A 20191001; JP 2024028547 A 20240228; US 202017038125 A 20200930