

Title (en)

COLOR-CHANGE HAND SOAP WITH TWO COLOR CHANGES

Title (de)

FARBWECHSELNDE HANDWASCHSEIFE MIT ZWEI FARBÜBERGÄNGEN

Title (fr)

SAVON DE LAVAGE DES MAINS À COULEUR VARIABLE COMPORTANT DEUX CHANGEMENTS DE COULEUR

Publication

EP 4179055 A1 20230517 (DE)

Application

EP 21758051 A 20210713

Priority

- DE 102020118464 A 20200713
- LU 101966 A 20200724
- EP 2021069538 W 20210713

Abstract (en)

[origin: WO2022013261A1] The present invention relates to a cleaning product or soap product, in particular personal hygiene product, more particularly hand soap, comprising a first chemical and/or mechanical mechanism for effecting a first color change of the cleaning product or soap product, and a second chemical and/or mechanical mechanism for effecting a second color change. Also disclosed are numerous embodiments and chemical-technical variants of the invention.

IPC 8 full level

C11D 3/40 (2006.01); **C11D 9/44** (2006.01); **C11D 17/04** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP US)

C11D 3/40 (2013.01 - EP); **C11D 9/24** (2013.01 - US); **C11D 9/444** (2013.01 - EP US); **C11D 17/0013** (2013.01 - US); **C11D 17/08** (2013.01 - EP US); **C11D 17/041** (2013.01 - EP)

Citation (search report)

See references of WO 2022013261A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022013261 A1 20220120; AU 2021309015 A1 20230309; CN 116194563 A 20230530; EP 4179055 A1 20230517; US 2023272313 A1 20230831

DOCDB simple family (application)

EP 2021069538 W 20210713; AU 2021309015 A 20210713; CN 202180060573 A 20210713; EP 21758051 A 20210713; US 202118016238 A 20210713