

Title (en)

FILM-ENCLOSED FORMED BATH EXPERIENCE PRODUCTS AND METHOD OF MANUFACTURE

Title (de)

FILMEINGESCHLOSSENE GEFORMTE BADERFAHRUNGSPRODUKTE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

PRODUITS DE BAIN FORMÉS À EXPÉRIMENTER DOTÉS D'UNE ENVELOPPE PELLICULAIRE ET PROCÉDÉ DE FABRICATION

Publication

EP 4172045 A1 20230503 (EN)

Application

EP 21745516 A 20210624

Priority

- US 202063045071 P 20200627
- US 2021038811 W 20210624

Abstract (en)

[origin: WO2021262929A1] A film-enclosed bath article and a method of manufacturing the same is disclosed. The method includes providing a formed bath article enclosing the formed bath article in a water-soluble film. The formed bath article is capable of producing a gas upon contacting a liquid. The water-soluble film (120) has a thickness between approximately 10 µm and approximately 28µm. The method further includes heating the water-soluble film to a temperature of at least approximately 148 °C to cause the water-soluble film to shrink around the formed bath article.

IPC 8 full level

B65B 9/02 (2006.01); **A61K 8/02** (2006.01); **A61Q 19/10** (2006.01); **B65B 51/10** (2006.01); **B65B 53/02** (2006.01); **B65D 65/46** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP US)

B65B 9/02 (2013.01 - EP); **B65B 9/06** (2013.01 - US); **B65B 51/10** (2013.01 - EP); **B65B 53/02** (2013.01 - EP US); **B65B 61/02** (2013.01 - US); **B65D 65/46** (2013.01 - EP US); **B65D 75/002** (2013.01 - EP US)

Citation (search report)

See references of WO 2021262929A1

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 2021262929 A1 20211230; CN 116133635 A 20230516; EP 4172045 A1 20230503; JP 2023531767 A 20230725; US 2023257178 A1 20230817

DOCDB simple family (application)

US 2021038811 W 20210624; CN 202180059469 A 20210624; EP 21745516 A 20210624; JP 2022580781 A 20210624; US 202118012807 A 20210624