

Title (en)
DISPOSABLE PACKAGE OF A BEVERAGE FORMING APPARATUS

Title (de)
WEGWERFPACKUNG EINER GETRÄNKEZUBEREITUNGSVORRICHTUNG

Title (fr)
EMBALLAGE JETABLE D'UN APPAREIL DE PRÉPARATION DE BOISSON

Publication
EP 3274272 A1 20180131 (EN)

Application
EP 16769595 A 20160323

Priority

- US 201562137067 P 20150323
- US 201562137024 P 20150323
- US 2016023749 W 20160323

Abstract (en)
[origin: US2016280455A1] A disposable package makes a beverage when liquid is supplied thereto by a beverage forming apparatus. The package comprises an impermeable capsule including a bottom wall and a tubular side wall. The side wall includes an annular shelf extending downwardly and outwardly from an upper end thereof. The side wall includes vertical indentations formed therein wherein upper ends thereof terminate at the annular shelf. An annular upper lip, which surrounds an opening to the interior space, is configured to locate the package in a receptacle of the apparatus. A lid seals the opening. A liquid supply component supplies liquid to the interior space of the capsule which combines with a flavor medium to form a beverage. Pressure build up in the interior space of the capsule deforms the capsule such that the annular shelf tears away from at least one indentation to form one or more through openings. The beverage dispenses through the openings.

IPC 8 full level
B65D 85/816 (2006.01); **A47J 31/40** (2006.01); **B65B 29/06** (2006.01); **B65D 85/804** (2006.01)

CPC (source: EP US)
B65D 85/8043 (2013.01 - EP US)

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)
US 2016280455 A1 20160929; CN 107531402 A 20180102; EP 3274272 A1 20180131; EP 3274272 A4 20181121; JP 2018513064 A 20180524; WO 2016154291 A1 20160929

DOCDB simple family (application)
US 201615078560 A 20160323; CN 201680026143 A 20160323; EP 16769595 A 20160323; JP 2017549788 A 20160323; US 2016023749 W 20160323