

Title (en)
Lid dispenser module, hot drink machine with the lid dispenser module and method for issuing a container with a hot drink and a lid from a/the hot drink machine

Title (de)
Deckelspendermodul, Heissgetränkeautomat mit dem Deckelspendermodul und Verfahren zur Ausgabe eines Bechers mit Heissgetränk und eines Deckels aus einem bzw. dem Heissgetränkeautomaten

Title (fr)
Module de distributeur de couvercles, automate de boissons chaudes équipé du module de distributeur de couvercles et procédé de réception d'un gobelet avec la boisson chaude et d'un couvercle provenant d'un ou de l'automate de boissons chaudes

Publication
EP 2017800 A3 20091104 (DE)

Application
EP 08010935 A 20080617

Priority
DE 102007031638 A 20070706

Abstract (en)
[origin: EP2017800A2] The module (1) has a repository device (4) including a rotatable storage carousel storing stack of covers. A separation device is formed as a stripping device radial to the stack of the covers, where the stripping device strips the successive covers during transport of the covers. A transporting device (5) is formed for transporting and/or isolating the covers. A suction foot is formed to suck and hold the covers by low-pressure, and is movably arranged so that one of the covers is taken into the stripping device by the suction tool and is placed on a gravity chute. An independent claim is also included for a method for dispensing a cup with cool drinks, and a cover from a hot beverage machine.

IPC 8 full level
G07F 13/06 (2006.01); **G07F 11/04** (2006.01); **G07F 11/16** (2006.01)

CPC (source: EP US)
A47F 1/085 (2013.01 - EP); **G07F 11/04** (2013.01 - EP); **G07F 11/16** (2013.01 - EP US); **G07F 11/1657** (2020.05 - EP); **G07F 11/54** (2013.01 - EP); **G07F 13/10** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2017800 A2 20090121; EP 2017800 A3 20091104; DE 102007031638 A1 20090108; DE 102007031638 B4 20130228

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EP 08010935 A 20080617; DE 102007031638 A 20070706