

Title (en)

GRIND AND BREW APPARATUS WITH AUGER MECHANISM FOR DELIVERY OF THE COFFEE GROUND

Title (de)

VORRICHTUNG ZUM MAHLEN UND BRAUEN MIT EINEM SCHNECKENMECHANISMUS ZUR AUSGABE VON GEMAHLENEM KAFFEE

Title (fr)

APPAREIL DE MOUTURE ET D'INFUSION COMPRENANT UN MÉCANISME DE VIS SANS FIN POUR LA DISTRIBUTION DU CAFÉ MOULU

Publication

EP 3054821 A1 20160817 (EN)

Application

EP 14852971 A 20141007

Priority

- US 201361887944 P 20131007
- IB 2014065098 W 20141007

Abstract (en)

[origin: WO2015052639A1] A drip coffee maker having a grinder system and brewing system combined is provided. A removable auger discharge mechanism connects the grinder system (1) to the brewing basket (2). One outlet of the auger mechanism is connected to the brewing basket (2) through a delivery opening (15) which can be opened or closed by a lever assembly (10). This closed door design of the discharge passage (6) prevents water steam from flowing back to the grinder system (1). The auger discharge mechanism can deliver the ground coffee in any direction. Thus the grinder system is not limited to a position above or horizontal to the brewing basket (2). In addition, the auger discharge mechanism can be removed for cleaning.

IPC 8 full level

A47J 31/00 (2006.01); **A47J 42/00** (2006.01)

CPC (source: EP)

A47J 31/02 (2013.01); **A47J 31/057** (2013.01); **A47J 31/404** (2013.01); **A47J 31/42** (2013.01); **A47J 31/4403** (2013.01); **A47J 31/4407** (2013.01); **A47J 42/50** (2013.01)

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)

WO 2015052639 A1 20150416; EP 3054821 A1 20160817; EP 3054821 A4 20170809

DOCDB simple family (application)

IB 2014065098 W 20141007; EP 14852971 A 20141007