

Title (en)

DEVICE FOR PREPARING COFFEE AND METHOD FOR PREPARING A COFFEE DRINK USING SAID DEVICE

Title (de)

VORRICHTUNG ZUM ZUBEREITEN VON KAFFEE UND VERFAHREN ZUM ZUBEREITEN EINES KAFFEEGERTRÄNKES MIT EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF POUR LA PREPARATION DE CAFE ET PROCEDE DE PREPARATION D'UNE BOISSON AU CAFE AU MOYEN DUDIT DISPOSITIF

Publication

EP 1187546 A1 20020320 (EN)

Application

EP 00938576 A 20000530

Priority

- DK 0000290 W 20000530
- DK PA199900771 A 19990601

Abstract (en)

[origin: WO0072736A1] With a device for preparing coffee of the type, where water in a closed container (1) is being boiled, after which the water through an ascension pipe (12) is pressed into an open compartment (6), where the boiling water extracts aromatic carriers from the ground coffee, after which the prepared coffee drink is filtered back to the closed compartment (1) through a filter arranged at the outlet from the open compartment, it is the aim to provide a device for preparing coffee, where the aromatic components in the ground coffee is utilised in the best way under careful temperature monitoring, where the user can do without external heat sources, and where the possibility in advance for deciding a special initiating time and later deciding a temperature sequence are present. This aim is met if the closed container (1) is equipped with at the least one heating element (10), which together and/or single have a suitable power for bringing the water in the closed compartment (1) to the boil, and that the heating element complex is controlled depending on time and temperature using suitable control means and have at least two power steps with a view to keeping the temperature of the coffee drink within a narrow temperature range below the boiling point of the coffee drink.

IPC 1-7

A47J 31/043

IPC 8 full level

A47J 31/043 (2006.01); **A23F 5/26** (2006.01); **A47J 27/21** (2006.01); **A47J 31/047** (2006.01); **A47J 31/48** (2006.01)

CPC (source: EP)

A47J 27/2105 (2013.01); **A47J 31/047** (2013.01); **A47J 31/48** (2013.01)

Citation (search report)

See references of WO 0072736A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0072736 A1 20001207; AU 5390300 A 20001218; AU 772899 B2 20040513; CA 2372941 A1 20001207; CN 1209064 C 20050706; CN 1353588 A 20020612; DK 176265 B1 20070514; DK 199900771 A 20001202; EP 1187546 A1 20020320; HK 1045243 A1 20021122; JP 2003500144 A 20030107; JP 3834681 B2 20061018; NO 20015457 D0 20011108; NO 20015457 L 20011211; NO 320811 B1 20060130; NZ 515306 A 20030630; TW 487561 B 20020521

DOCDB simple family (application)

DK 0000290 W 20000530; AU 5390300 A 20000530; CA 2372941 A 20000530; CN 00808264 A 20000530; DK PA199900771 A 19990601; EP 00938576 A 20000530; HK 02106617 A 20020909; JP 2000620854 A 20000530; NO 20015457 A 20011108; NZ 51530600 A 20000530; TW 89110546 A 20000531