

Title (en)

Induction cooker with time-sharing control function and method of operating the same

Title (de)

Induktionskochgerät mit Steuerfunktion zur gemeinsamen Zeitnutzung und Betriebsverfahren dafür

Title (fr)

Appareil de cuisson à induction avec fonction de commande de temps partagé et son procédé de fonctionnement

Publication

EP 2566296 A1 20130306 (EN)

Application

EP 12183008 A 20120904

Priority

TW 100131961 A 20110905

Abstract (en)

An induction cooker with a time-sharing control function and a method of operating the same are disclosed. The induction cooker includes a plurality of switch units (S21~S26), a control unit (Uc2), and a plurality of cooker units (L21~L24). The control unit (Uc2) is electrically connected to the switch units (S21~S26) to control turning on or turning off the switch units (S21~S26). Each of the cooker units (L21~L24) is electrically connected to two corresponding switch units (S21~S26). The control unit (Uc2) provides switching on the switch units (S21~S26) correspondingly connected to one or more cooker units (L21~L24) of a first subgroup in a working condition and keeping high-level on the switch units (S21~S26) correspondingly connected to one or more cooker units (L21~L24) of a second subgroup of cooker units (L21~L24) in a non-working condition. Therefore, the induction cooker can be alternately operated in time-sharing control manner.

IPC 8 full level

H05B 6/06 (2006.01)

CPC (source: EP)

H05B 6/065 (2013.01)

Citation (search report)

- [I] US 6528770 B1 20030304 - AKEL DOMINIQUE [FR], et al
- [I] US 4112287 A 19780905 - OATES ROBERT M, et al

Cited by

US2016100461A1; CN108512402A; CN108224498A; EP2928265A1; EP3002992A1; EP3002991A1; US10187930B2; WO2016173335A1

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)

EP 2566296 A1 20130306; EP 2566296 B1 20170607; ES 2630038 T3 20170817; TW 201311193 A 20130316; TW I465218 B 20141221

DOCDB simple family (application)

EP 12183008 A 20120904; ES 12183008 T 20120904; TW 100131961 A 20110905