

Title (en)  
IMPROVEMENTS RELATING TO ELECTRIC OVENS

Title (de)  
VERBESSERUNGEN IM ZUSAMMENHANG MIT ELEKTROHERDEN

Title (fr)  
AMÉLIORATIONS RELATIVES À DES FOURS ÉLECTRIQUES

Publication  
**EP 2963994 B1 20211124 (EN)**

Application  
**EP 15174911 A 20150701**

Priority  
GB 201411723 A 20140701

Abstract (en)  
[origin: EP2963994A1] A cast iron range cooker comprises at least one oven cavity which is accessed through a door; a first heating means comprising at least one electrical heating element which selectively heats the inside of the cavity, the at least one heating element being selectively connected to a power supply in series with at least one first thermostat, a second heating means comprising at least one electrical heating element which selectively heats the inside of the cavity, the at least one heating element being selectively connectable to a power supply in series with at least one second thermostat that switches at a higher temperature than the first thermostat, and a user operable input device which has at least two user selectable temperature settings for the oven cavity, at least one of which corresponds to the cavity being heated to a predefined temperature corresponding to the switching temperature of the second thermostat. The user operable input device causes both the heating means to be connected to the power source so that on initial heating both the heating means apply heat to the cavity until the switching temperature of the thermostat of the first heating means is reached and the first heating means is switched off, thereafter heating continuing using the second heating means until the switching temperature of the second thermostat is reached.

IPC 8 full level  
**H05B 1/02** (2006.01); **F24C 7/08** (2006.01)

CPC (source: EP GB)  
**F24C 7/046** (2013.01 - GB); **F24C 7/087** (2013.01 - EP); **H05B 1/0263** (2013.01 - EP GB); **H05B 3/00** (2013.01 - GB)

Cited by  
CN107536493A

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

DOCDB simple family (publication)  
**EP 2963994 A1 20160106**; **EP 2963994 B1 20211124**; GB 201411723 D0 20140813; GB 201511573 D0 20150812; GB 2530373 A 20160323; GB 2530373 B 20170503

DOCDB simple family (application)  
**EP 15174911 A 20150701**; GB 201411723 A 20140701; GB 201511573 A 20150701