

Title (en)  
IMPROVED USER INTERFACE FOR COOKING APPLIANCES

Title (de)  
VERBESSERTE BENUTZERSCHNITTSTELLEN FÜR KOCHGERÄTE

Title (fr)  
INTERFACE UTILISATEUR AMELIOREE POUR APPAREILS DE CUISSON

Publication  
**EP 1382222 A1 20040121 (EN)**

Application  
**EP 02766850 A 20020426**

Priority

- US 0213404 W 20020426
- US 28633901 P 20010426

Abstract (en)  
[origin: WO02089528A1] A cooking controller assembly includes a heating element (510), a push-to-turn rotary switch (100) and an electric controller. The heating element is coupled to the push-to-turn rotary switch and the electric controller (505). The push-to-turn rotary switch (100) is manually pushed and turned to selectively connect power to the heating element. The electric controller is coupled to the push-to-turn rotary switch and the heating element, and electrically controls the power to the heating element in relation to the manual rotation of the push-to-turn rotary switch.

IPC 1-7  
**H05B 1/02**

IPC 8 full level  
**H05B 1/02** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP KR)  
**H01H 13/70** (2013.01 - KR); **H05B 1/0266** (2013.01 - EP); **H05B 3/746** (2013.01 - EP)

Citation (search report)  
See references of WO 02089528A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02089528 A1 20021107**; CA 2437175 A1 20021107; CN 1502216 A 20040602; EP 1382222 A1 20040121; KR 20040015094 A 20040218; MX PA03009779 A 20040129

DOCDB simple family (application)  
**US 0213404 W 20020426**; CA 2437175 A 20020426; CN 02805543 A 20020426; EP 02766850 A 20020426; KR 20037013257 A 20031009; MX PA03009779 A 20020426