

Title (en)  
PANEL FOR A COOKING HOB

Title (de)  
PLATTE FÜR EIN KOCHFELD

Title (fr)  
PANNEAU POUR PLAQUE DE CUISSON

Publication  
**EP 3736500 B1 20220706 (EN)**

Application  
**EP 19173111 A 20190507**

Priority  
EP 19173111 A 20190507

Abstract (en)  
[origin: EP3736500A1] A panel (10) for a cooking hob has an upper, cooking surface (12) and a lower surface (12). The upper surface (12) has rows (18) of resistors (20). The lower surface (14) has rows (22) of plural resistors (24) corresponding to the rows (18) of resistors (20) of the upper surface (12). The resistors (20, 24) in each row (18, 20) of one of the surfaces (12, 14) are normally electrically connected in series and the resistors (24, 20) in the other surface (14, 12) are normally not electrically connected with each other. When heat is applied to a region of the upper surface (12), the not-normally-connected resistors (20, 24) that underlie the region of the upper surface (12) where heat is applied are electrically connected in series with each other and are electrically connected with the corresponding other resistors (24, 20). The resistance can be measured so as to enable the location of the region or regions where heat is being applied to be identified.

IPC 8 full level  
**F24C 7/08** (2006.01); **F24C 15/10** (2006.01); **H05B 1/02** (2006.01); **H05B 6/06** (2006.01)

CPC (source: EP)  
**F24C 7/083** (2013.01); **F24C 15/102** (2013.01); **H05B 1/0266** (2013.01)

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