

Title (en)
AN INDUCTION HEATING COOKER WITH IMPROVED COOLING PERFORMANCE

Title (de)
INDUKTIONSHERD MIT VERBESSERTER KÜHLEISTUNG

Title (fr)
APPAREIL DE CUISSON À CHAUFFAGE PAR INDUCTION PRÉSENTANT UNE MEILLEURE PERFORMANCE DE REFROIDISSEMENT

Publication
EP 3962239 A1 20220302 (EN)

Application
EP 21187854 A 20210727

Priority
TR 202013716 A 20200831

Abstract (en)
The present invention relates to an induction heating cooker (1) comprising a body (2); at least one circuit board (6) which is disposed in the body (2); at least one IGBT component (3) which is disposed in the body (2) and which provides power switching; at least one heat sink (4) which contacts the IGBT component (3) so as to cool the same; at least one fan (5) which is disposed in the body (2) and which provides the cooling of the components by air; and an air guiding member (7) which is positioned in the flow of the air provided by the fan (5) and which guides the air.

IPC 8 full level
H05B 6/12 (2006.01)

CPC (source: EP)
H05B 6/1263 (2013.01)

Citation (applicant)
EP 2712267 A1 20140326 - EGO ELEKTRO GERAETEBAU GMBH [DE]

Citation (search report)

- [A] WO 2013064396 A1 20130510 - ARCELIK AS [TR], et al
- [A] WO 2011154373 A1 20111215 - ARCELIK AS [TR], et al
- [A] US 2012152933 A1 20120621 - MATSUI EIJI [JP], et al
- [A] EP 2679913 A2 20140101 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

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