

Title (en)
INDUCTION COOKING PLATE

Publication
EP 0561206 A3 19931013 (DE)

Application
EP 93103272 A 19930302

Priority
DE 4208252 A 19920314

Abstract (en)
[origin: EP0561206A2] An inductive hot plate heater is controlled and regulated by a multi-cycle controller (burst-firing controller) which uses a symmetrical pattern of complete mains half-cycles. Switching always takes place at the zero crossing and is balanced such that no DC voltage element is produced in the mains. It furthermore contains an optical temperature monitor for the plate (12) covering the hot plate, having an infrared photo-sensor (36) which determines the temperature on the basis of its predetermined spectral range. <IMAGE>

IPC 1-7
H05B 6/06; **H05B 6/12**

IPC 8 full level
H05B 6/06 (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP US)
H05B 6/062 (2013.01 - EP US); **H05B 6/1263** (2013.01 - EP US); **H05B 2213/07** (2013.01 - EP US)

Citation (search report)

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