

Title (en)

Cooling device for an induction hob

Title (de)

Kühlvorrichtung für ein Induktionskochfeld

Title (fr)

Dispositif de refroidissement pour un champ de cuisson à induction

Publication

EP 2292979 B1 20161012 (DE)

Application

EP 10173830 A 20100824

Priority

- ES 200930910 A 20091027
- EP 09382164 A 20090903
- EP 10173830 A 20100824

Abstract (en)

[origin: EP2292979A1] The device has a channel (1) for guiding cooling air, where the channel is open at a longitudinal side at which a cooling body is arranged. The cooling body is provided for heat dissipation of electronic components (24), extends over the entire longitudinal side of the channel and is made of metal. The longitudinal side of the channel is closed by the cooling body, and the channel is made of plastic. A part (29) of the cooling body with cooling ribs (41, 42) extends into the channel, and lies at an inner wall (34) of a side part opposite to the longitudinal side. An independent claim is also included for a household appliance comprising a cooling device.

IPC 8 full level

F24C 7/08 (2006.01); **F24C 15/10** (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP)

F24C 7/082 (2013.01); **F24C 15/101** (2013.01); **H05B 6/1263** (2013.01)

Citation (examination)

- EP 1628342 A1 20060222 - KERN DIETMAR DR [DE]
- EP 1936283 A2 20080625 - LG ELECTRONICS INC [KR]

Cited by

EP4096354A1; EP4096358A1; EP4096356A1; US11483904B2; EP3421892A3; EP2679913A3; EP2506671A3; EP2498574A3; ES2412104A1; EP3812658A1; WO2024056394A1; EP3806582B1

Designated contracting state (EPC)

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