

Title (en)
Inductor for induction-cooktop

Title (de)
Induktor für ein Induktions-Kochfeld

Title (fr)
Inducteur destiné aux plaques à induction

Publication
EP 0993233 A3 20050817 (DE)

Application
EP 99119127 A 19991005

Priority
DE 19845844 A 19981005

Abstract (en)
[origin: EP0993233A2] The inductor comprises at least two inductor coils (7,9) which are arranged on top of each other at a distance, whereby the coils are formed as flat conductor paths (13) layered on opposite sides of a plate-like substrate (5). A ceramic oxide, especially aluminum oxide, is used as the material of the substrate, having a thickness of approximately 0.7 to 1 mm. An Independent claim is provided for a corresponding cooking field utilizing the inductor.

IPC 1-7
H05B 6/12; **H05B 6/36**

IPC 8 full level
H05B 6/12 (2006.01); **H05B 6/36** (2006.01)

CPC (source: EP US)
H05B 6/1281 (2013.01 - EP US)

Citation (search report)

- [DA] CH 676181 A5 19901214 - ELECTROLUX AB
- [DA] DE 19604436 A1 19970814 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
WO2017109610A1

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

DOCDB simple family (publication)
US 6144019 A 20001107; AT E383058 T1 20080115; DE 19845844 A1 20000406; DE 59914595 D1 20080214; EP 0993233 A2 20000412; EP 0993233 A3 20050817; EP 0993233 B1 20080102

DOCDB simple family (application)
US 39692699 A 19990915; AT 99119127 T 19991005; DE 19845844 A 19981005; DE 59914595 T 19991005; EP 99119127 A 19991005