

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