

Title (en)
Inductor for induction-cooktop

Title (de)
Induktor für ein Induktions-Kochfeld

Title (fr)
Inducteur destiné aux plaques à induction

Publication
EP 0993233 B1 20080102 (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 8 full level
H05B 6/12 (2006.01); **H05B 6/36** (2006.01)

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

Cited by
WO2017109610A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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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