

Title (en)  
ILLUMINATION DEVICE FOR AN INDUCTION HOB

Title (de)  
BELEUCHTUNGSVORRICHTUNG FÜR EIN INDUKTIONSKOCHFELD

Title (fr)  
DISPOSITIF D'ÉCLAIRAGE D'UNE PLAQUE DE CUISSON À INDUCTION

Publication  
**EP 4203611 A1 20230628 (EN)**

Application  
**EP 21383171 A 20211221**

Priority  
EP 21383171 A 20211221

Abstract (en)  
Illumination device for an induction hob comprising at least one induction coil (6) configured for generating a magnetic field (B). The illumination device (1) comprises a flexible support (2) configured for being arranged around the induction coil (6). The support (2) comprises at least one conductor track (3, 4) and a connection circuit (5) in which illumination means are connected. The two ends (20) of the support (2) are connected to one another such that the at least one conductor track (3, 4) forms an induced coil in which a current is generated when the induction coil (6) generates a magnetic field, and the connection circuit (5) is connected to the induced coil.

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

CPC (source: EP)  
**H05B 6/1218** (2013.01)

Citation (applicant)  
• DE 19546853 A1 19970619 - AEG HAUSGERÄTE GMBH [DE]  
• US 6828530 B2 20041207 - BOEGEL JOERG [DE], et al

Citation (search report)  
• [XDYI] US 6828530 B2 20041207 - BOEGEL JOERG [DE], et al  
• [IY] KR 102030666 B1 20191010 - AMICORN CO LTD [KR], et al  
• [YA] JP 2001196155 A 20010719 - MATSUSHITA ELECTRIC IND CO LTD

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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