

Title (en)
INDUCTOR

Title (de)
INDUKTOR

Title (fr)
BOBINE D'INDUCTION

Publication
EP 2461334 B1 20140618 (EN)

Application
EP 10803799 A 20100719

Priority
• CN 200910160965 A 20090731
• CN 2010001082 W 20100719

Abstract (en)
[origin: EP2461334A1] The object of the present invention is to provide an inductor capable of realizing a voltage conversion circuit which is compact in size and is able to provide a suitable output. To achieve the above described object, the inductor according to the invention has a core and a plurality of windings, and the core comprises a plurality of arms for windings around which the plurality of windings are respectively wound; at least one common arm which forms magnetic loops with the plurality of arms for windings, respectively; and a pair of base parts. The plurality of arms for windings and the common arm are located between the pair of base parts.

IPC 8 full level
H01F 17/04 (2006.01); **H01F 27/24** (2006.01)

CPC (source: EP KR)
H01F 3/14 (2013.01 - EP KR); **H01F 17/04** (2013.01 - EP KR); **H01F 27/24** (2013.01 - KR); **H01F 2038/026** (2013.01 - EP KR)

Cited by
CN104299758A; EP3046122A4; EP3136404A4; EP3401935A1; CN108880280A; US10389258B2; US11955267B2

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2461334 A1 20120606; EP 2461334 A4 20130109; EP 2461334 B1 20140618; EP 2461334 B8 20140917; CN 101989485 A 20110323; CN 102326216 A 20120118; CN 102326216 B 20160316; IN 1755DEN2012 A 20150605; JP 2013501346 A 20130110; JP 5784601 B2 20150924; KR 101760382 B1 20170721; KR 20120066010 A 20120621; WO 2011011966 A1 20110203

DOCDB simple family (application)
EP 10803799 A 20100719; CN 200910160965 A 20090731; CN 2010001082 W 20100719; CN 201080008717 A 20100719; IN 1755DEN2012 A 20120227; JP 2012521929 A 20100719; KR 20127005324 A 20100719