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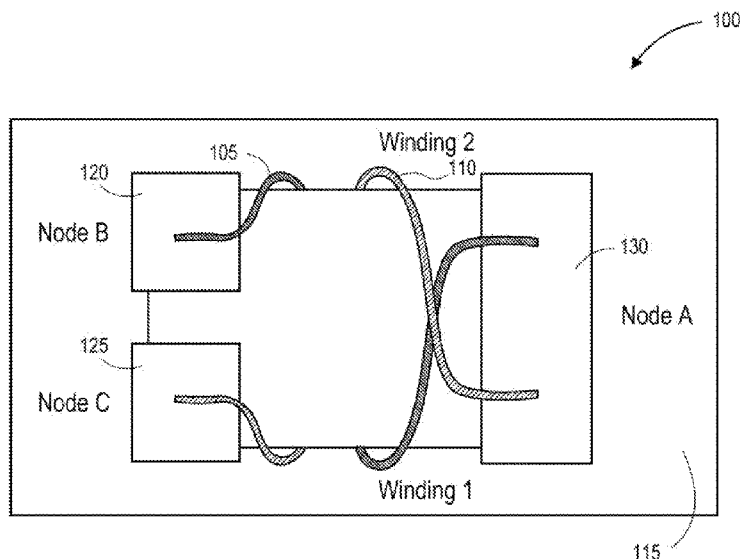
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[Continued on next page]

(54) Title: COUPLED INDUCTOR TO FACILITATE INTEGRATED POWER DELIVERY



**FIG. 1**

(57) Abstract: An embodiment of the present invention provides an apparatus, comprising a surface mounted device (SMD) inductor, the SMD inductor including at least two counter wound aircoils formed on a same SMD former; wherein the at least two counter wound aircoils are connected to three terminals on the SMD former, wherein a single terminal is connected to a common node of both windings with two independent terminals accessing the other winding node.

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**A. CLASSIFICATION OF SUBJECT MATTER****H01F 17/04(2006.01)i, H01F 27/28(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

H01F 17/04; H01F 5/00; H01F 27/29; H01F 41/10; H02M 1/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords: surface, mounted, device, inductor, coil

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010-0109827 A1 (ASOU HIROHUMI et al.) 06 May 2010	1-7
Y	See abstract; paragraphs [0013], [0051]-[0057] and figures 1-5.	8-14
Y	US 2008-0205098 A1 (XU MING et al.) 28 August 2008	8-10
A	See abstract; paragraphs [0020]-[0023] and figures 3-4.	1-7, 11-14
Y	US 06157283A A (TSUNEMI; MASAYOSHI) 05 December 2000	11-14
A	See abstract and figure 5.	1-10

 Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search

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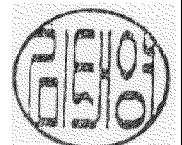
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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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