

Title (en)
TERMINAL BASE OF MAGNETIC COMPONENT, AND MOLD DEVICE FOR FORMING THE TERMINAL BASE

Title (de)
ANSCHLUSSSOCKEL EINER MAGNETISCHEN KOMPONENTE UND FORMVORRICHTUNG ZUR FORMUNG DES ANSCHLUSSSOCKELS

Title (fr)
BASE TERMINALE D'UN COMPOSANT MAGNÉTIQUE ET DISPOSITIF DE MOULAGE POUR FORMER LA BASE TERMINALE

Publication
EP 3010027 A3 20160608 (EN)

Application
EP 15189642 A 20151013

Priority
JP 2014210983 A 20141015

Abstract (en)
[origin: EP3010027A2] The terminal base 20 of a magnetic component comprises a conductive terminal unit (a clip terminal 12), and a terminal base main body 16. The clip terminal 12 is connected with a coil 10c wound around a cylindrical bobbin 10, and the clip terminal 12 carries out electrical connection with respect to a user-side terminal unit. Furthermore, a terminal base main body 16 is arranged at a flange unit 10b of the bobbin 10 for holding a shaft portion 14 of the conductive terminal unit 12. And the conductive terminal unit 12 is formed in an L-shape as a whole such that that a connector portion 18 thereof having a connection structure with respect to the user-side terminal unit protrudes toward the orthogonal direction of the shaft portion 14. The conductive terminal unit 12 and the terminal base main body 16 are formed integrally using molding. A step 16a is provided on a part of the terminal base main body 16 near the protruding side of the connector portion 18 so that this part becomes one step lower than the other parts of the terminal base main body 16. And the shaft portion 14 is exposed over a greater part of its length from the step 16a of the terminal base main body 16 than from the other parts of the terminal base main body 16a.

IPC 8 full level
H01F 7/06 (2006.01); **H01F 5/04** (2006.01); **H01F 41/10** (2006.01)

CPC (source: EP)
H01F 5/04 (2013.01); **H01F 7/06** (2013.01); **H01F 41/10** (2013.01); **H01F 2007/062** (2013.01)

Citation (search report)

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- [A] US 2014065895 A1 20140306 - TOMITA MASAHIRO [JP], et al
- [A] US 2010259348 A1 20101014 - BAMBER DANIEL W [US], et al

Cited by
EP3261102A1; US11721465B2; US10871242B2; US10980120B2; US11503782B2; US11917956B2

Designated contracting state (EPC)
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