

Title (en)
Magnetic module and modular bobbin thereof

Title (de)
Magnetisches Modul und modulare Spule daraus

Title (fr)
Module magnétique et sa bobine modulaire associée

Publication
EP 2980812 A1 20160203 (EN)

Application
EP 14193421 A 20141117

Priority
TW 103126107 A 20140730

Abstract (en)
Disclosed is a magnetic module including a modular bobbin 10, a core module 400 and a conductive wire 300. The modular bobbin 10 includes a first bobbin 100 and a second bobbin 200. The first bobbin 100 includes a first shaft 110 having a first pivoting portion 130 and a first snapping portion 140 disposed on the first shaft 110. The second bobbin 200 includes a second shaft 210 having a second pivoting portion 230 for pivoting the first pivoting portion 130 and a second snapping portion 240 for snapping the first snapping portion 140, and both second pivoting portion 230 and second snapping portion 240 are disposed on the second shaft 210. The core module 400 includes an inner core 401 installed between the first bobbin 100 and the second bobbin 200. The conductive wire 300 is respectively wound around the first shaft 110 and the second shaft 210.

IPC 8 full level
H01F 5/02 (2006.01)

CPC (source: EP US)
B65H 75/08 (2013.01 - US); **H01F 5/02** (2013.01 - EP US)

Citation (search report)

- [A] US 2011025304 A1 20110203 - LINT JAMES DOUGLAS [US], et al
- [A] US 3843946 A 19741022 - ANDERSON D, et al
- [A] US 4103268 A 19780725 - ANDERS RAYMOND H, et al

Cited by
CN111559673A; WO2016193958A1

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

DOCDB simple family (publication)
EP 2980812 A1 20160203; EP 2980812 B1 20170628; TW 201604906 A 20160201; TW I505302 B 20151021; US 2016031673 A1 20160204

DOCDB simple family (application)
EP 14193421 A 20141117; TW 103126107 A 20140730; US 201414543151 A 20141117