



US00D833391S

(12) **United States Design Patent** (10) **Patent No.:** **US D833,391 S**
Claeys (45) **Date of Patent:** **** Nov. 13, 2018**

(54) **CURRENT TRANSDUCER**

OTHER PUBLICATIONS

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Fribourg (CH)

Notice of Allowance for U.S. Appl. No. 29/626,890 dated May 11, 2018.

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Primary Examiner — Derrick Holland

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(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

(**) Term: **15 Years**

(57) **CLAIM**

(21) Appl. No.: **29/626,885**

The ornamental design for a current transducer, as shown and described.

(22) Filed: **Nov. 21, 2017**

DESCRIPTION

Related U.S. Application Data

(62) Division of application No. 29/516,496, filed on Feb. 3, 2015, now Pat. No. Des. 812,001.

FIG. 1 is a bottom front perspective view of a first embodiment of a current transducer showing my new design; FIG. 2 is a top rear perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a left side View thereof; FIG. 6 is a right side view thereof; FIG. 7 is a top plan view thereof; and FIG. 8 is a bottom plan view thereof.

Foreign Application Priority Data

Aug. 27, 2014 (WO) 835662601

FIG. 9 is a bottom front perspective view of a second embodiment of a current transducer showing my new design;

(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/110**

FIG. 10 is a top rear perspective view thereof;

(58) **Field of Classification Search**
USPC D13/110, 101, 117, 123, 124, 159, 182, D13/184, 199; D10/75; 73/767, 771,
(Continued)

FIG. 11 is a front view thereof;

FIG. 12 is a rear view thereof;

FIG. 13 is a left side View thereof;

FIG. 14 is a right side view thereof;

FIG. 15 is a top plan view thereof; and

FIG. 16 is a bottom plan view thereof.

FIG. 17 is a bottom front perspective view of a third embodiment of a current transducer showing my new design;

FIG. 18 is a top rear perspective view thereof;

FIG. 19 is a front view thereof;

FIG. 20 is a rear view thereof;

FIG. 21 is a left side View thereof;

FIG. 22 is a right side view thereof;

FIG. 23 is a top plan view thereof; and

(Continued)

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(Continued)

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(Continued)

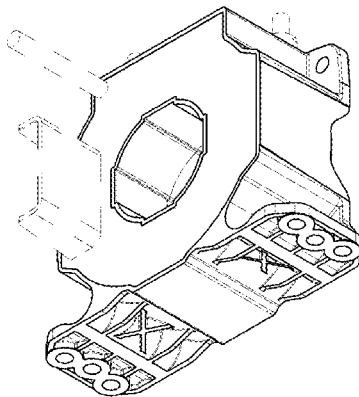


FIG. 24 is a bottom plan view thereof.
 FIG. 25 is a bottom front perspective view of a fourth embodiment of a current transducer showing my new design;
 FIG. 26 is a top rear perspective view thereof;
 FIG. 27 is a front view thereof;
 FIG. 28 is a rear view thereof;
 FIG. 29 is a left side View thereof;
 FIG. 30 is a right side view thereof;
 FIG. 31 is a top plan view thereof; and
 FIG. 32 is a bottom plan view thereof.
 FIG. 33 is a bottom front perspective view of a fifth embodiment of a current transducer showing my new design;
 FIG. 34 is a top rear perspective view thereof;
 FIG. 35 is a front view thereof;
 FIG. 36 is a rear view thereof;
 FIG. 37 is a left side View thereof;
 FIG. 38 is a right side View thereof;
 FIG. 39 is a top plan view thereof; and
 FIG. 40 is a bottom plan view thereof.
 FIG. 41 is a bottom front perspective view of a sixth embodiment of a current transducer showing my new design;
 FIG. 42 is a top rear perspective view thereof;
 FIG. 43 is a front view thereof;
 FIG. 44 is a rear view thereof;
 FIG. 45 is a left side View thereof;
 FIG. 46 is a right side view thereof;
 FIG. 47 is a top plan view thereof; and
 FIG. 48 is a bottom plan view thereof.
 FIG. 49 is a bottom front perspective view of a seventh embodiment of a current transducer showing my new design;
 FIG. 50 is a top rear perspective view thereof;
 FIG. 51 is a front view thereof;
 FIG. 52 is a rear view thereof;
 FIG. 53 is a left side View thereof;
 FIG. 54 is a right side view thereof;
 FIG. 55 is a top plan view thereof; and,
 FIG. 56 is a bottom plan view thereof.

The broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 22 Drawing Sheets

(58) **Field of Classification Search**

USPC 73/779, 801, 811; 324/117 H, 117 R, 324/120, 121 R, 127; 361/18, 30, 31, 361/93.1-93.9; 367/140; 369/13.11-13.13; 381/150; 336/173, 336/176, 178
 CPC H01R 13/5812; G01R 33/06; G01R 15/20; G01R 15/202; G01R 19/18; G01R 19/20; G01R 19/22; G01R 19/0084; G01R 19/0092; G01R 19/00; G01R 5/20; G01R 5/22; G01R 5/24; G01R 5/26

See application file for complete search history.

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WO	WO-DM-062779	1/2003

* cited by examiner

FIG. 1

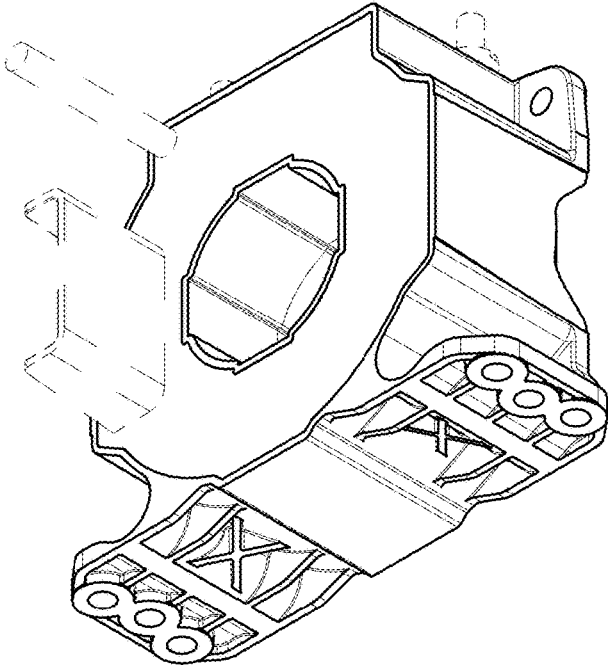


FIG. 2

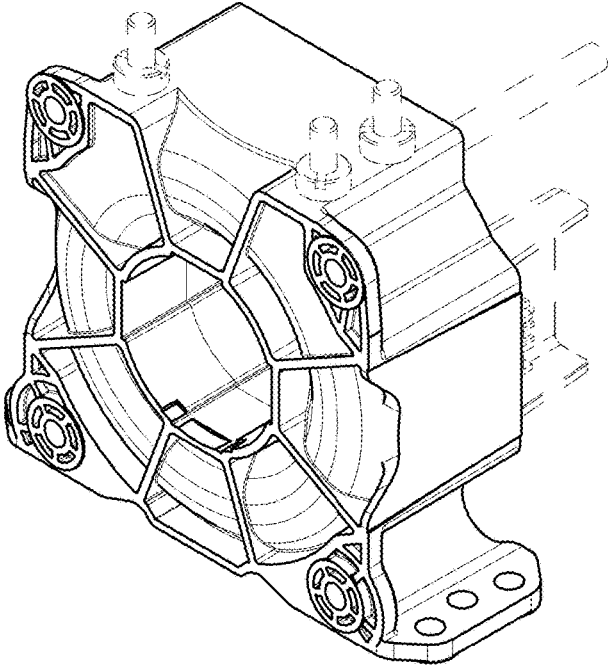


FIG. 3

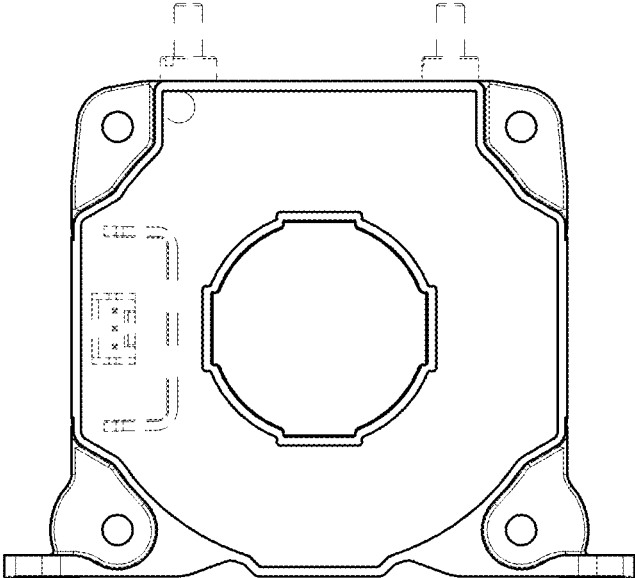


FIG. 4

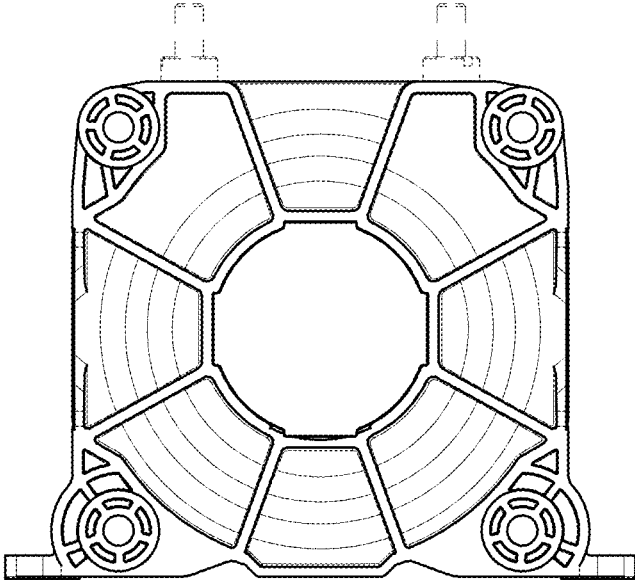


FIG. 5

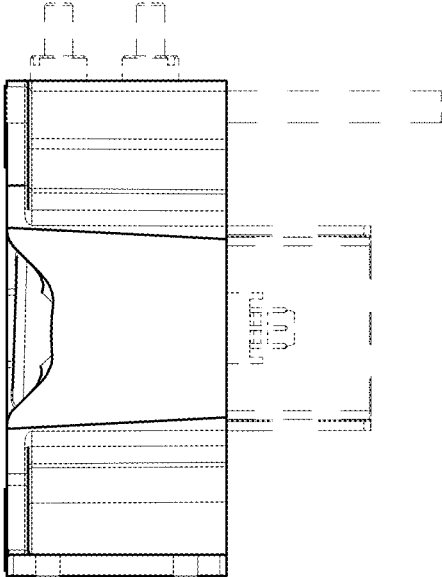
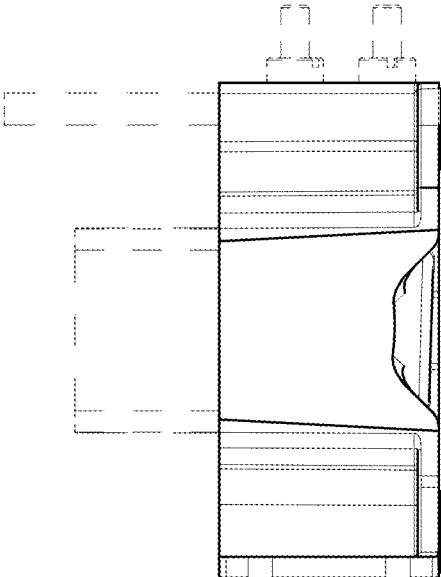


FIG. 6



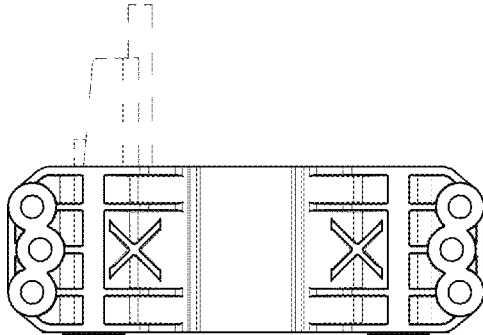
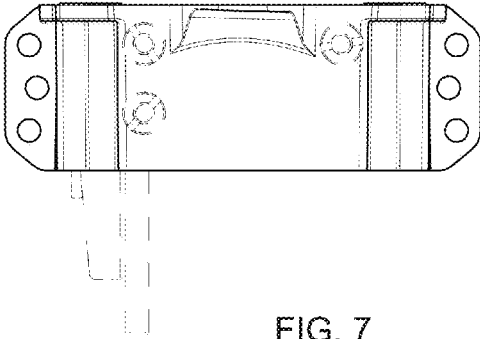


FIG. 9

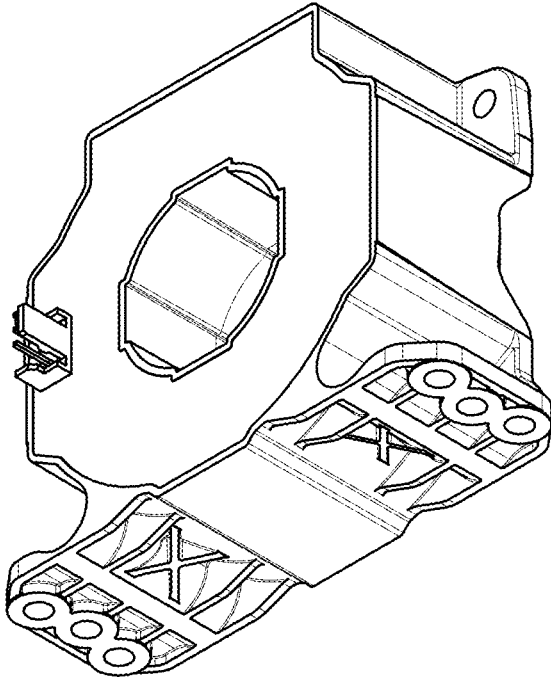


FIG. 10

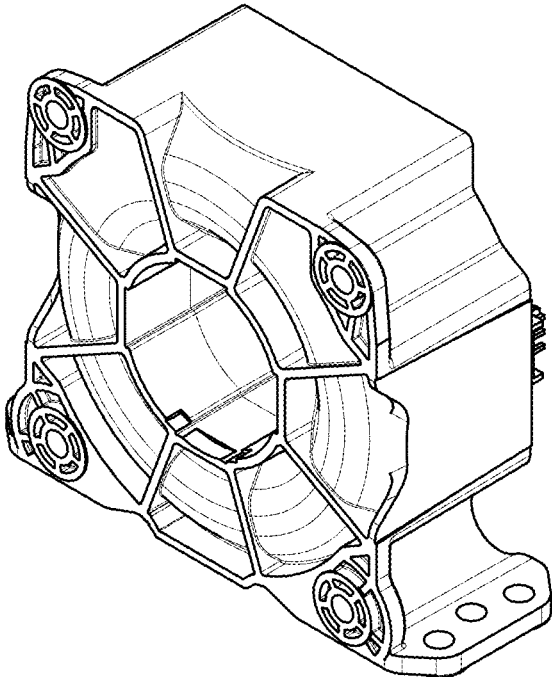


FIG. 11

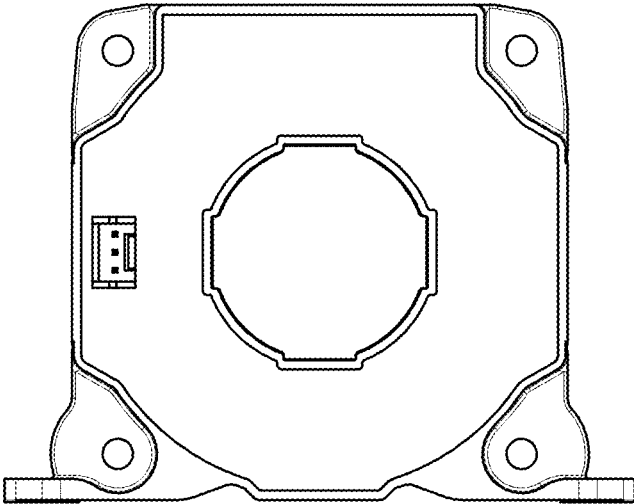
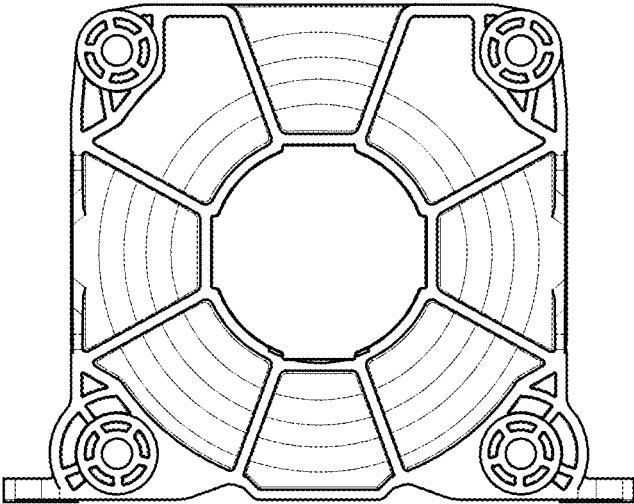


FIG. 12



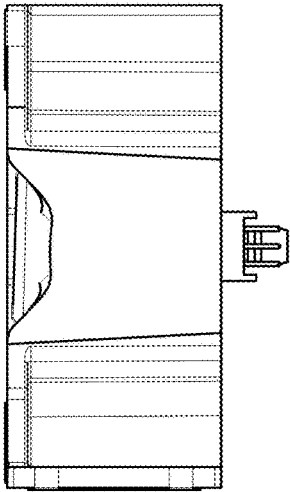


FIG. 13

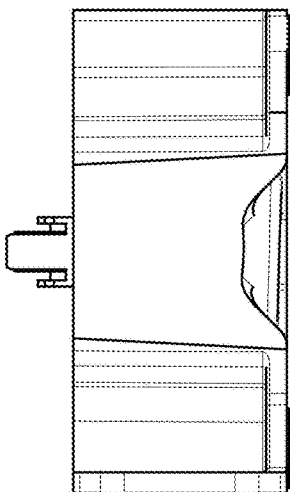


FIG. 14

FIG. 15

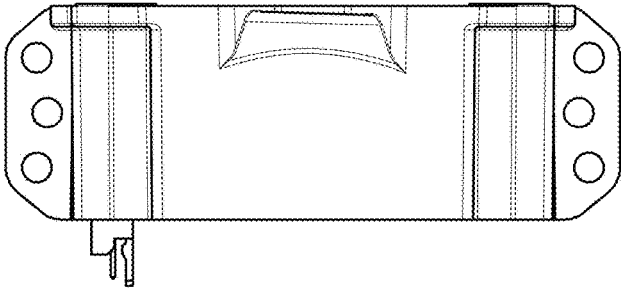


FIG. 16

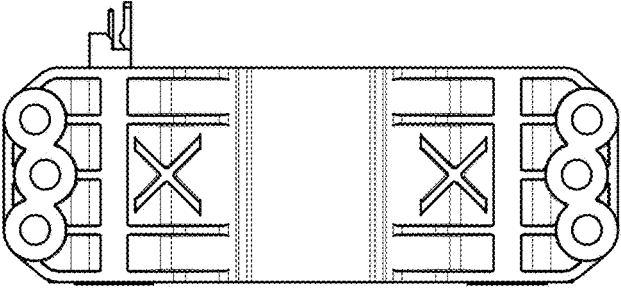


FIG. 17

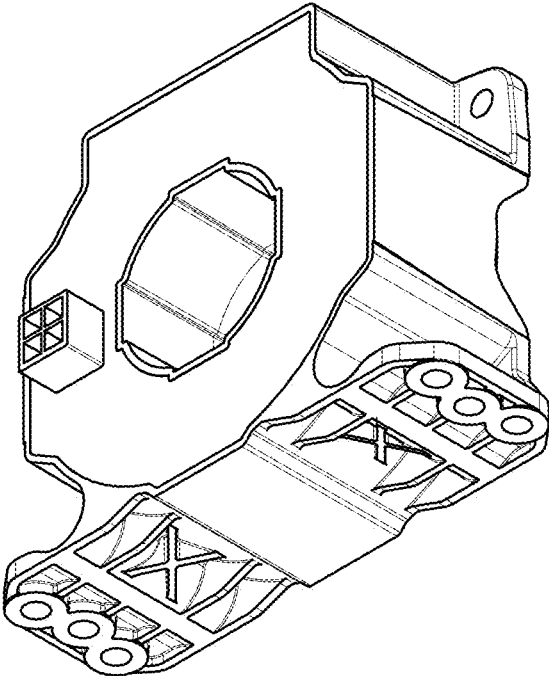


FIG. 18

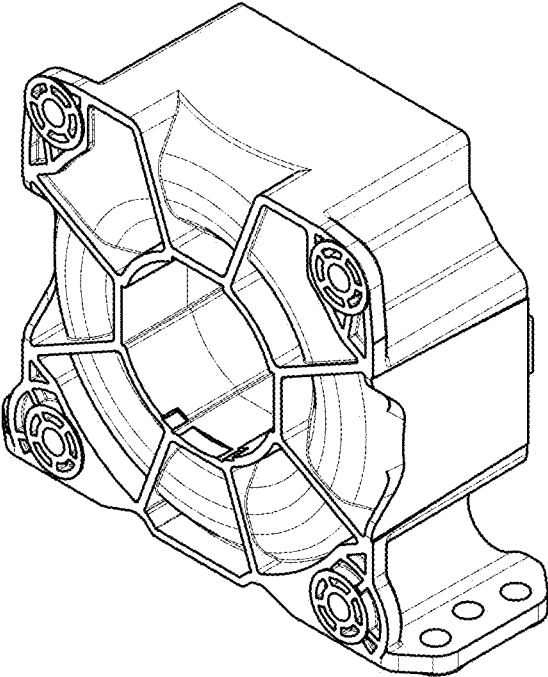


FIG. 19

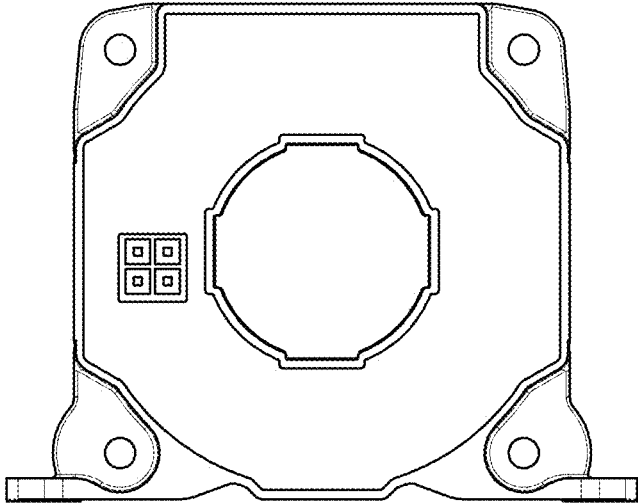
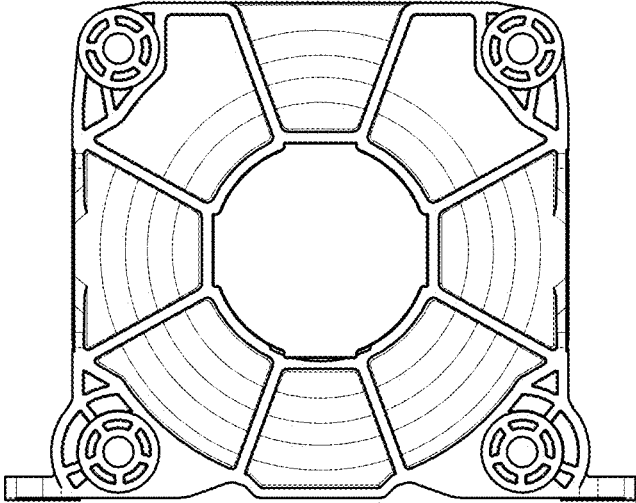


FIG. 20



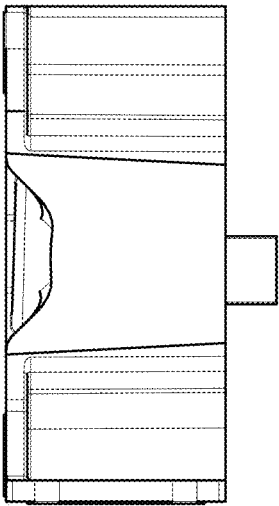


FIG. 21

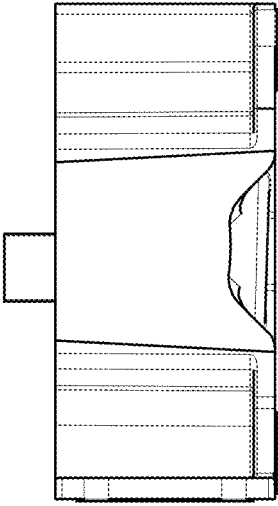


FIG. 22

FIG. 23

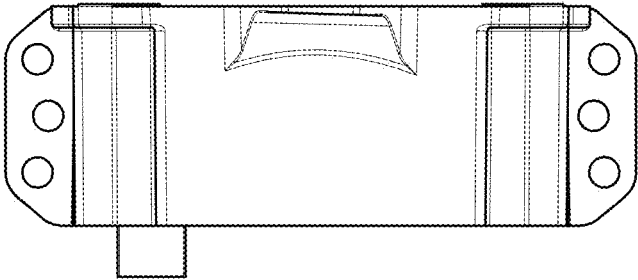


FIG. 24

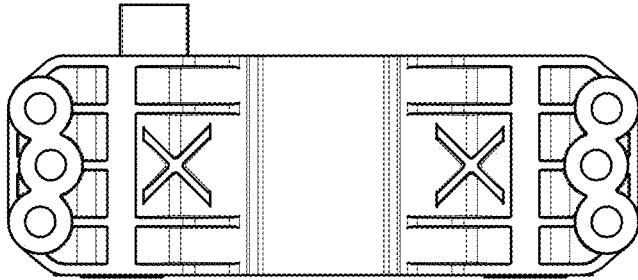


FIG. 25

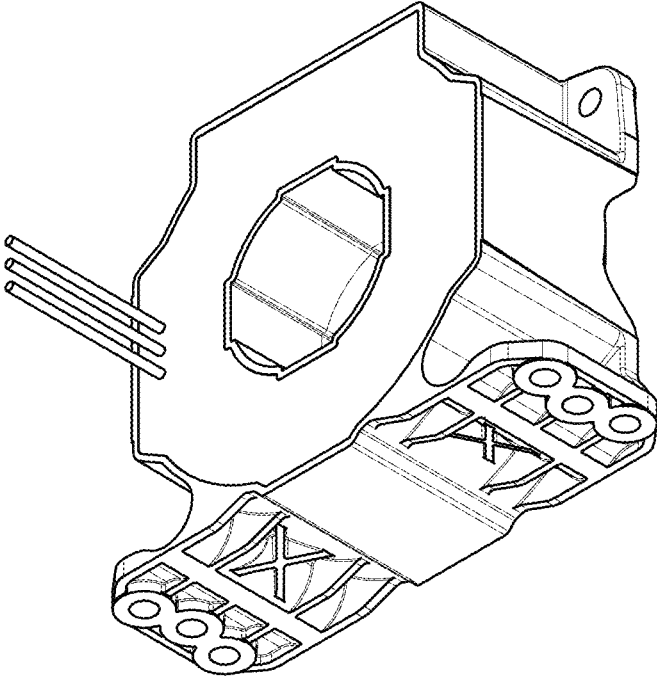


FIG. 26

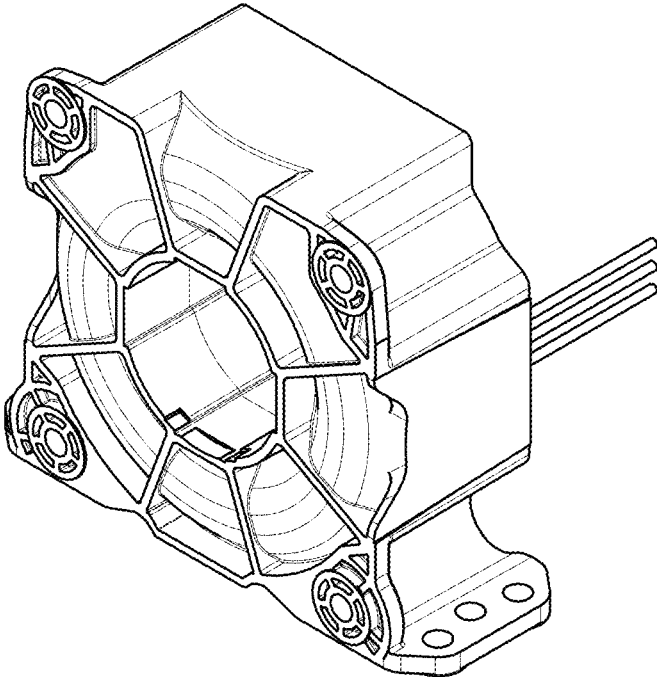


FIG. 27

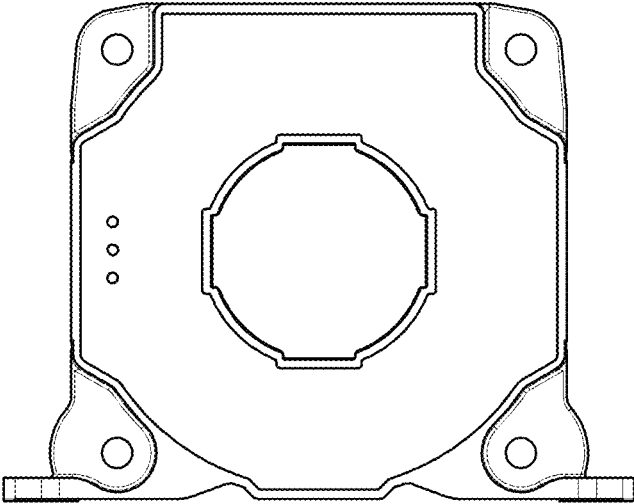
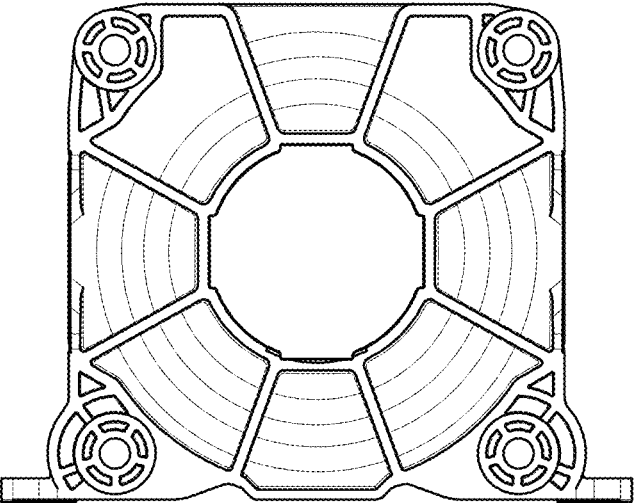


FIG. 28



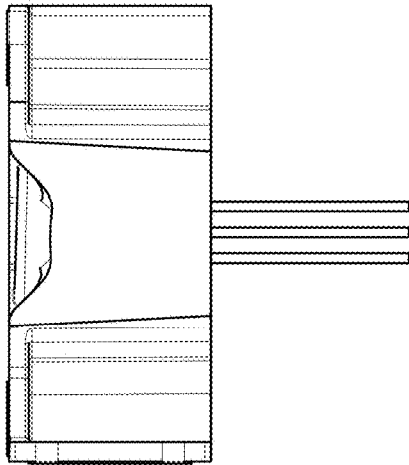


FIG. 29

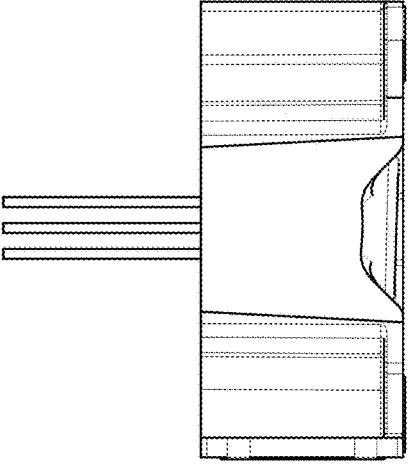


FIG. 30

FIG. 31

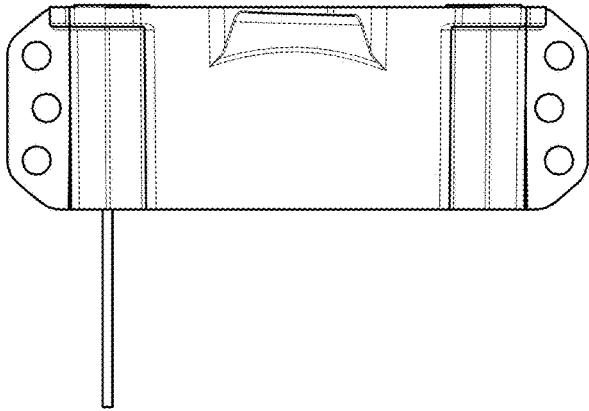


FIG. 32

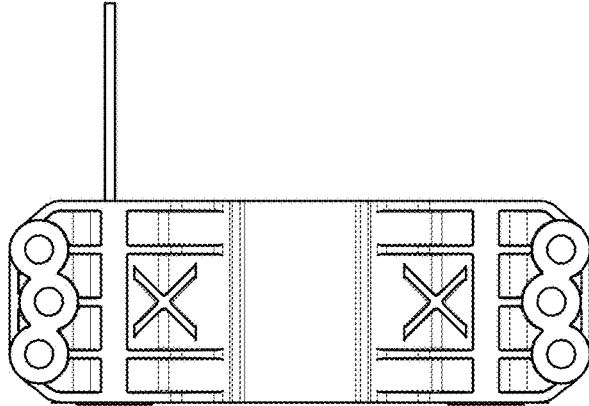


FIG. 33

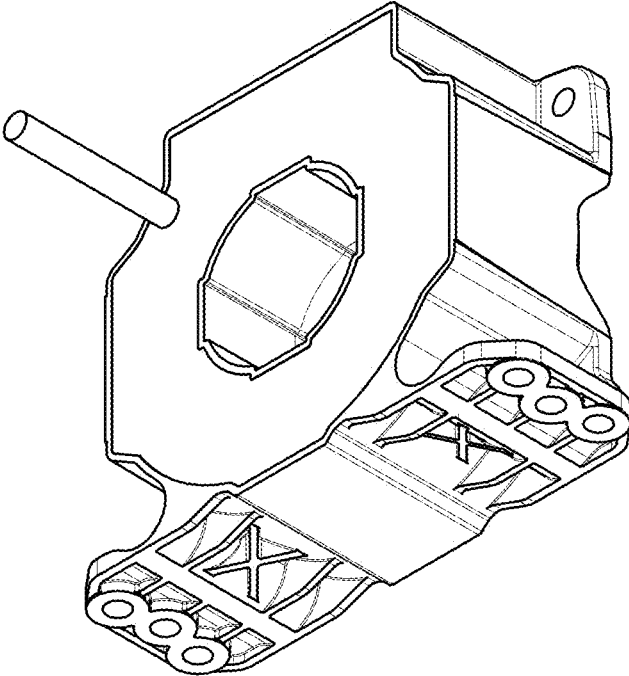


FIG. 34

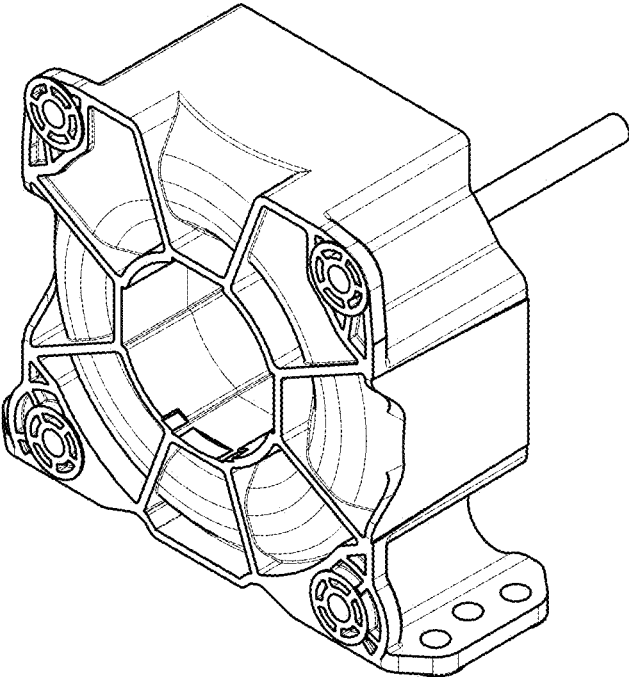


FIG. 35

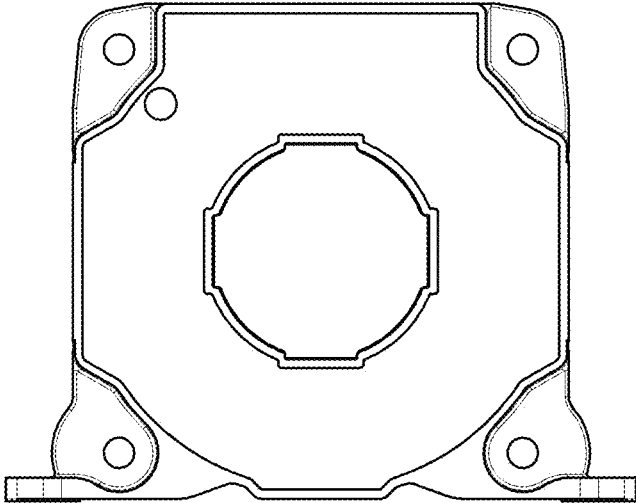
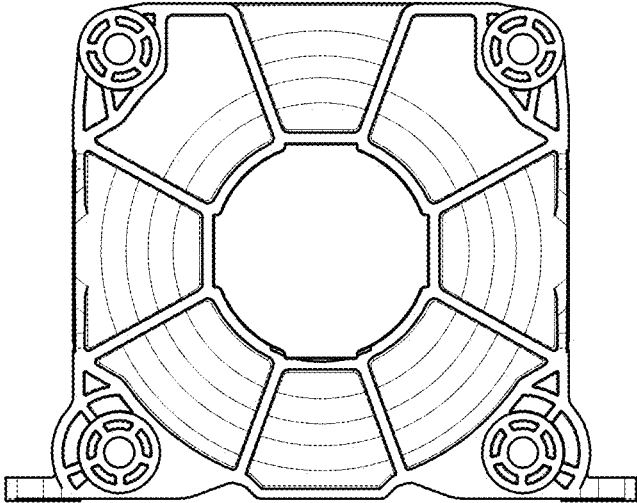


FIG. 36



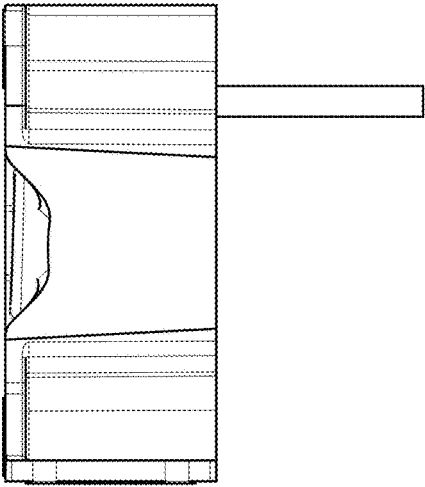


FIG. 37

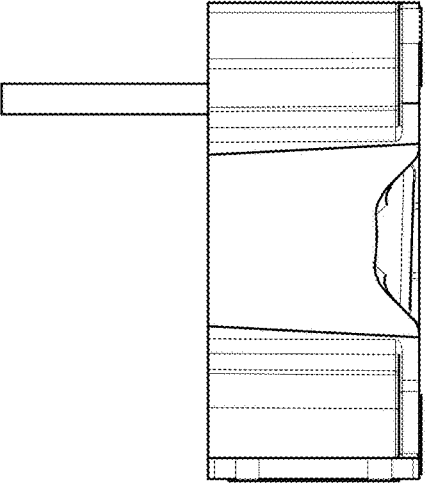


FIG. 38

FIG. 39

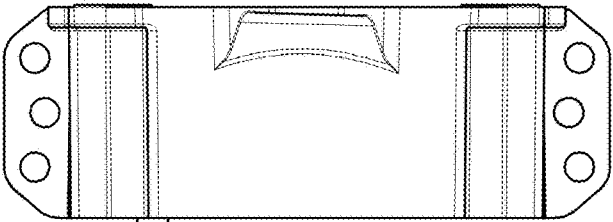


FIG. 40

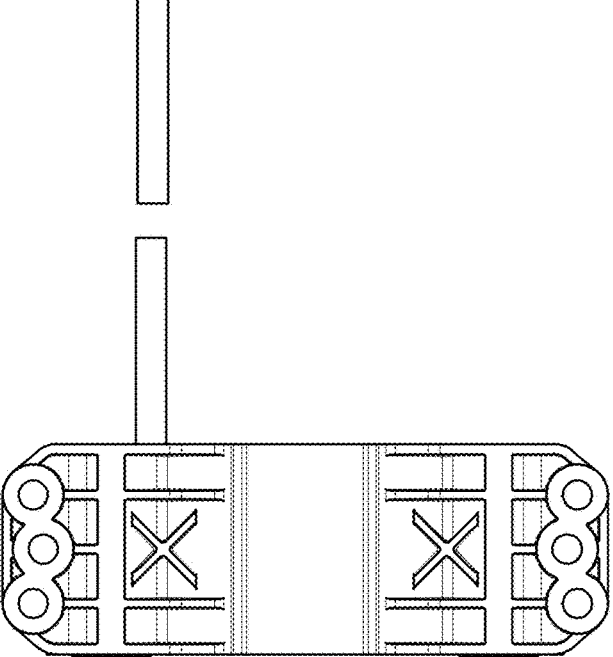


FIG. 41

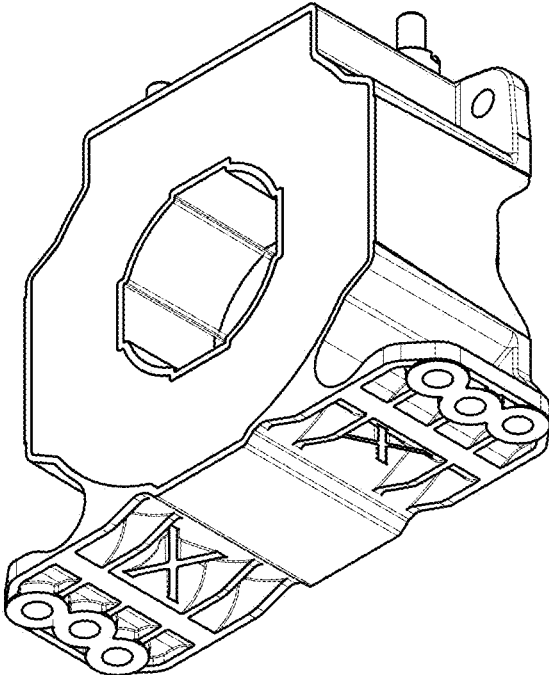


FIG. 42

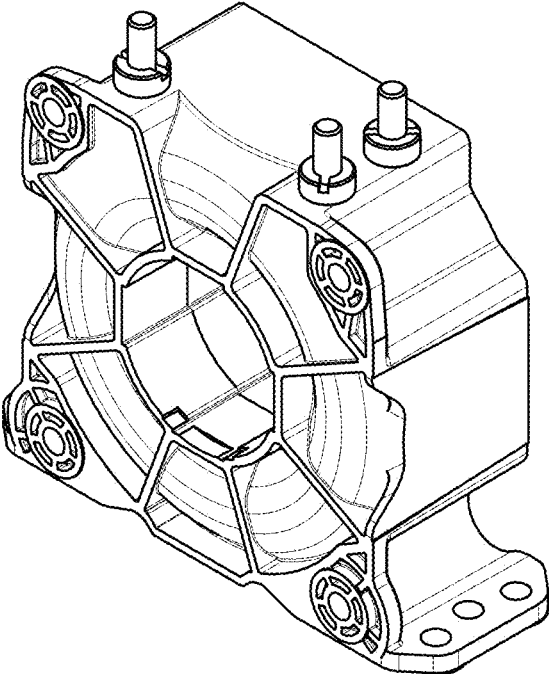


FIG. 43

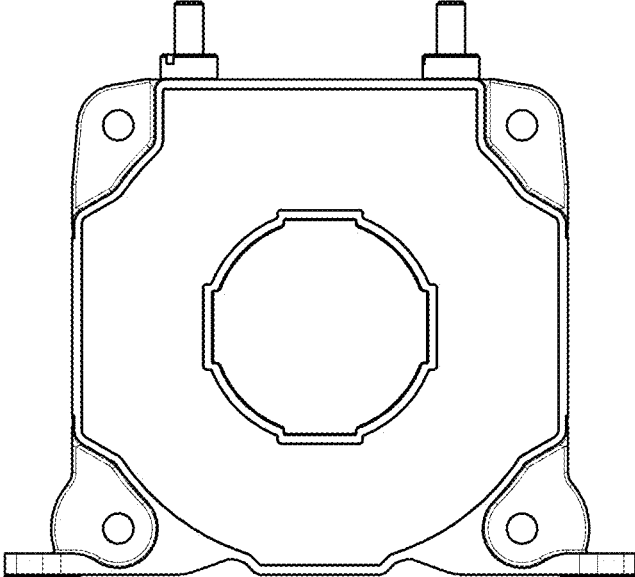
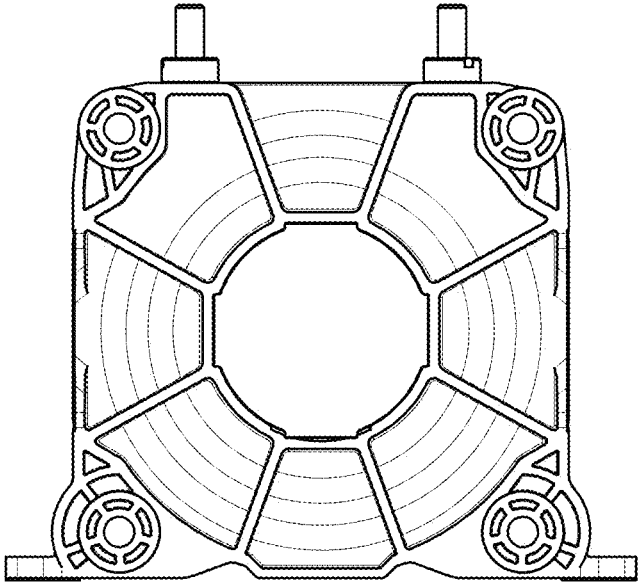


FIG. 44



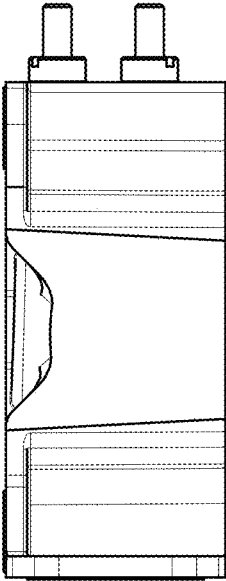


FIG. 45

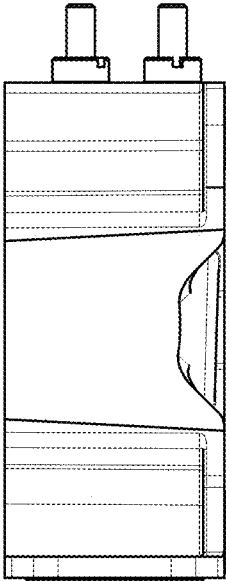


FIG. 46

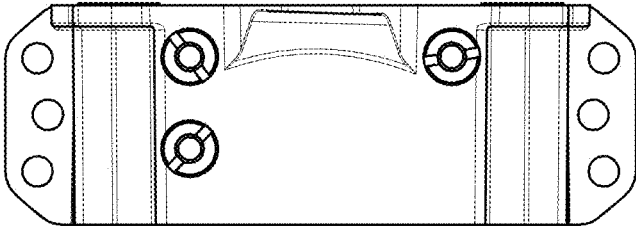


FIG. 47

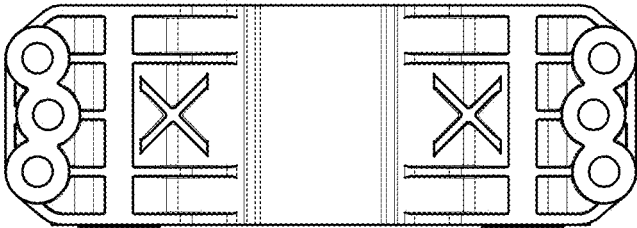


FIG. 48

FIG. 49

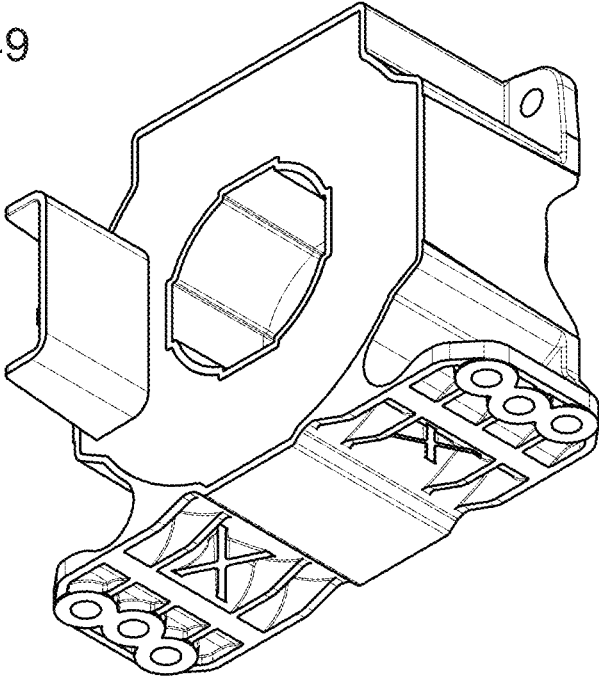


FIG. 50

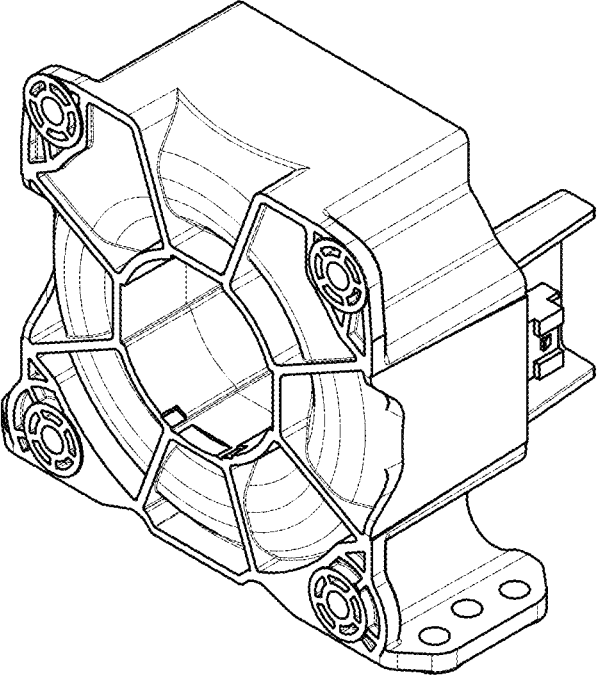


FIG. 51

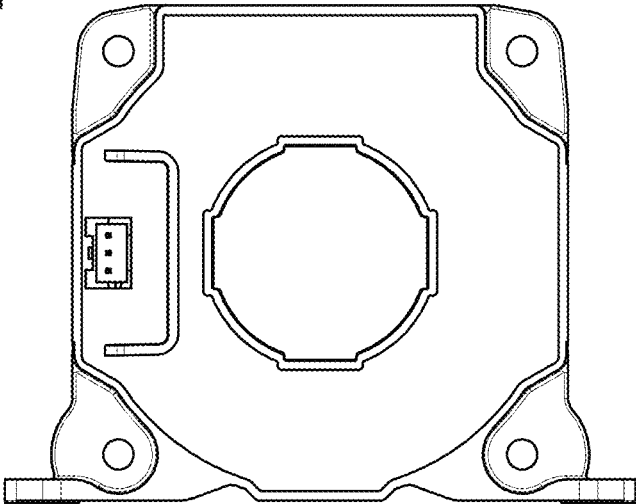
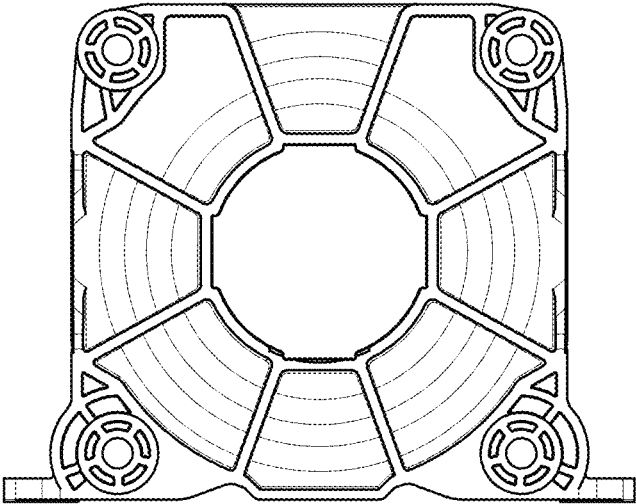


FIG. 52



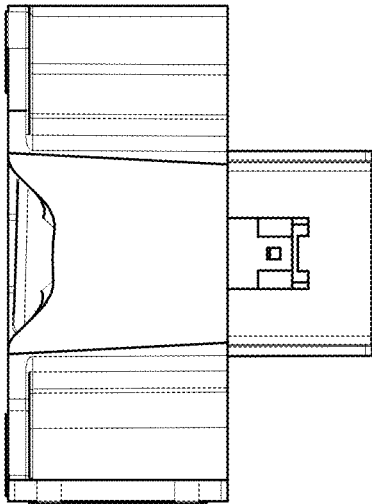


FIG. 53

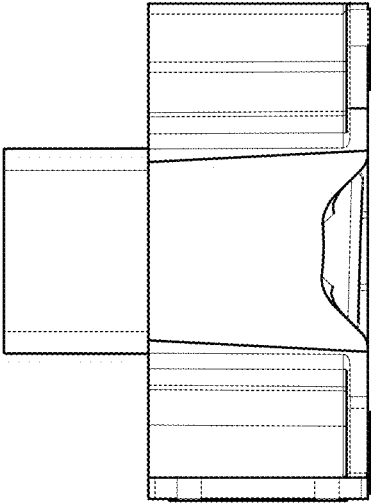


FIG. 54

FIG. 55

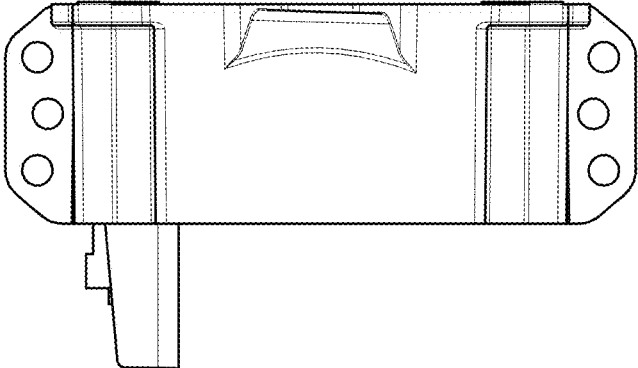


FIG. 56

