



US00D953988S

(12) **United States Design Patent** (10) **Patent No.:** **US D953,988 S**
Boehnke (45) **Date of Patent:** **** Jun. 7, 2022**

(54) **DRIVE UNIT**

(71) Applicant: **Robert Bosch GmbH**, Stuttgart (DE)

(72) Inventor: **Kai Oliver Boehnke**, Bad Urach (DE)

(73) Assignee: **Robert Bosch GmbH**, Stuttgart (DE)

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

(21) Appl. No.: **29/744,406**

(22) Filed: **Jul. 29, 2020**

Related U.S. Application Data

(62) Division of application No. 29/675,735, filed on Jan. 4, 2019.

(30) **Foreign Application Priority Data**

Jul. 5, 2018 (EM) 005433000

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

(52) **U.S. Cl.**
USPC **D13/118**

(58) **Field of Classification Search**

USPC D13/102–110, 112–120, 146, 147, D13/151–155, 184; D12/122, 124, 126
CPC H01M 2/02; H01M 2/022; H01M 2/0202; H01M 2/0207; H01M 2/0212; H01M 2/1061; H01M 2/1022; H01M 2/1055; H01M 2/1066; H01M 2/105; H01M 2/20; H01M 2/202; H01M 2/204; H01M 2/206; H01M 10/44; H01M 10/46; H01M 10/465; H01M 10/482; H01M 2200/30; H01M 2250/30; H01M 2250/40; H02J 7/00; H02J 7/0003; H02J 7/0011; H02J 7/0013; H02J 7/0054; H02J 7/0055; H02J 7/0057; B26M

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D259,872 S * 7/1981 Ramsey D12/126
5,749,429 A * 5/1998 Yamauchi B60L 15/2054
180/206.4

(Continued)

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(57) **CLAIM**

The ornamental design for a drive unit, as shown and described.

DESCRIPTION

Cross reference is made to copending U.S. design patent application Ser. No. 29/675,728 entitled “Drive Unit” by Boehnke, Kai Oliver, which was filed on Jan. 4, 2019; U.S. design patent application Ser. No. 29/675,730 entitled “Drive Unit” by Boehnke, Kai Oliver, which was filed on Jan. 4, 2019; and U.S. design patent application Ser. No. 29/675,733 entitled “Drive Unit” by Boehnke, Kai Oliver, which was filed on Jan. 4, 2019.

FIG. 1 is a perspective view of a drive unit showing my new design;

FIG. 2 is a top plan view of the drive unit of FIG. 1;

FIG. 3 is a bottom plan view of the drive unit of FIG. 1;

FIG. 4 is a front elevational view of the drive unit of FIG. 1;

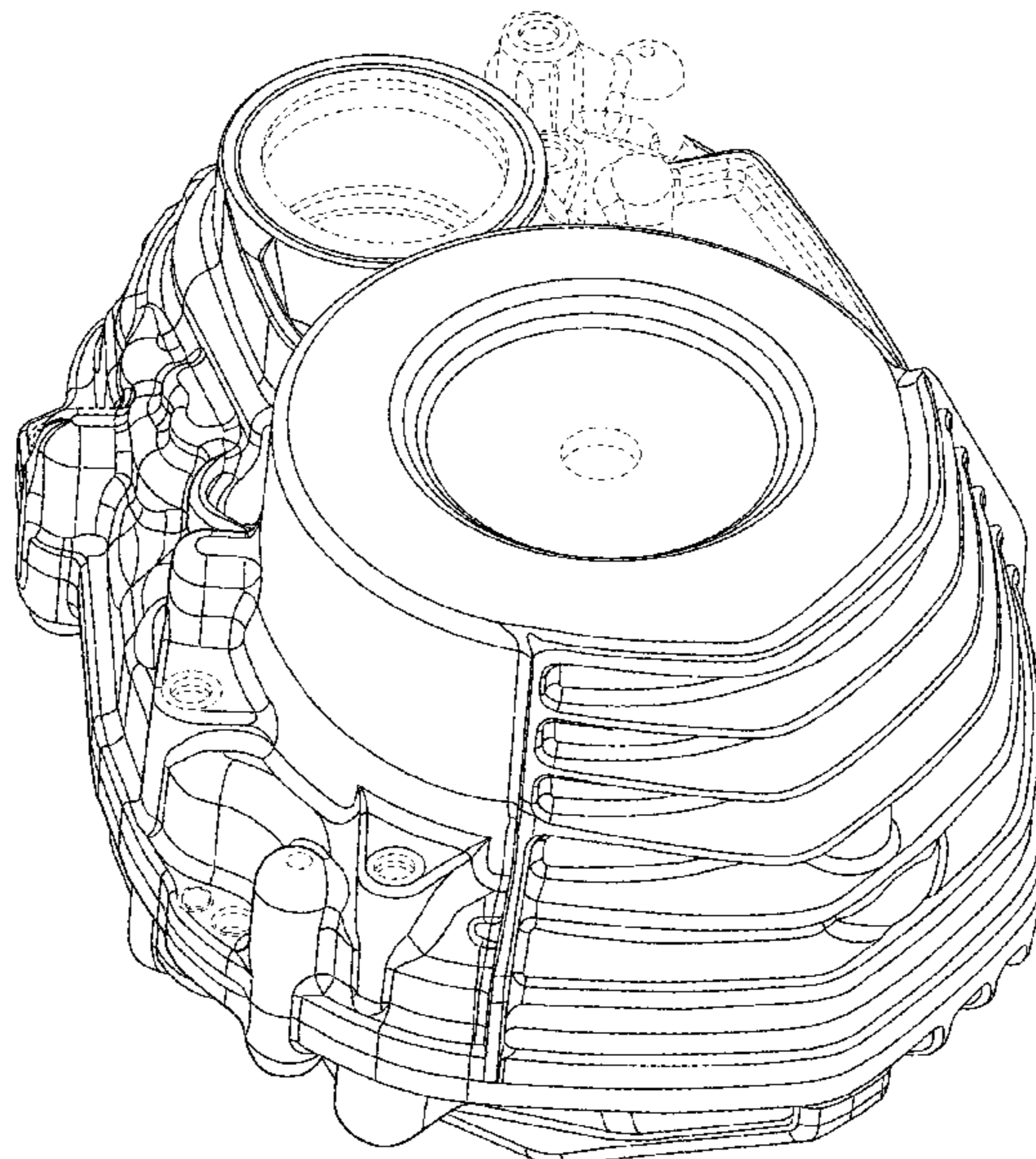
FIG. 5 is a rear elevational view of the drive unit of FIG. 1;

FIG. 6 is a left side elevational view of the drive unit of FIG. 1; and,

FIG. 7 is a right side elevational view of the drive unit of FIG. 1.

In the drawings, the broken lines represent portions of the drive unit which form no part of the claimed design, and the dash-dot-dash lines represent boundaries of the claimed surfaces and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC .. 6/40; B26M 6/55; B26M 6/90; B62M 25/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,845,727 A * 12/1998 Miyazawa B62M 6/55
180/206.4
6,012,538 A * 1/2000 Sonobe B62M 6/45
180/206.3
D691,948 S * 10/2013 Dasbach D13/112
D697,478 S * 1/2014 Dasbach D13/112
D801,877 S * 11/2017 Greiner D12/123
D801,878 S * 11/2017 Greiner D12/123
D804,367 S * 12/2017 Greiner D12/123
9,969,303 B2 * 5/2018 Ta F16H 1/203
9,981,716 B2 * 5/2018 Suzuki B62M 9/10
10,036,465 B2 * 7/2018 Watarai F16H 57/025
10,359,108 B1 * 7/2019 Ramirez Ortiz F16H 57/031
D857,627 S * 8/2019 Polini D13/112
D909,300 S * 2/2021 Boehnke D13/112
2016/0288872 A1 * 10/2016 Shahana B62K 25/286
2016/0375956 A1 * 12/2016 Talavasek B62K 11/04
180/220
2018/0017152 A1 * 1/2018 Emura B62K 25/286
2018/0178883 A1 * 6/2018 Ichida B62J 99/00
2019/0367127 A1 * 12/2019 Noda B62M 6/55
2020/0136462 A1 * 4/2020 Hoppner H01R 12/718
2020/0262513 A1 * 8/2020 Novikov B62M 6/50

* cited by examiner

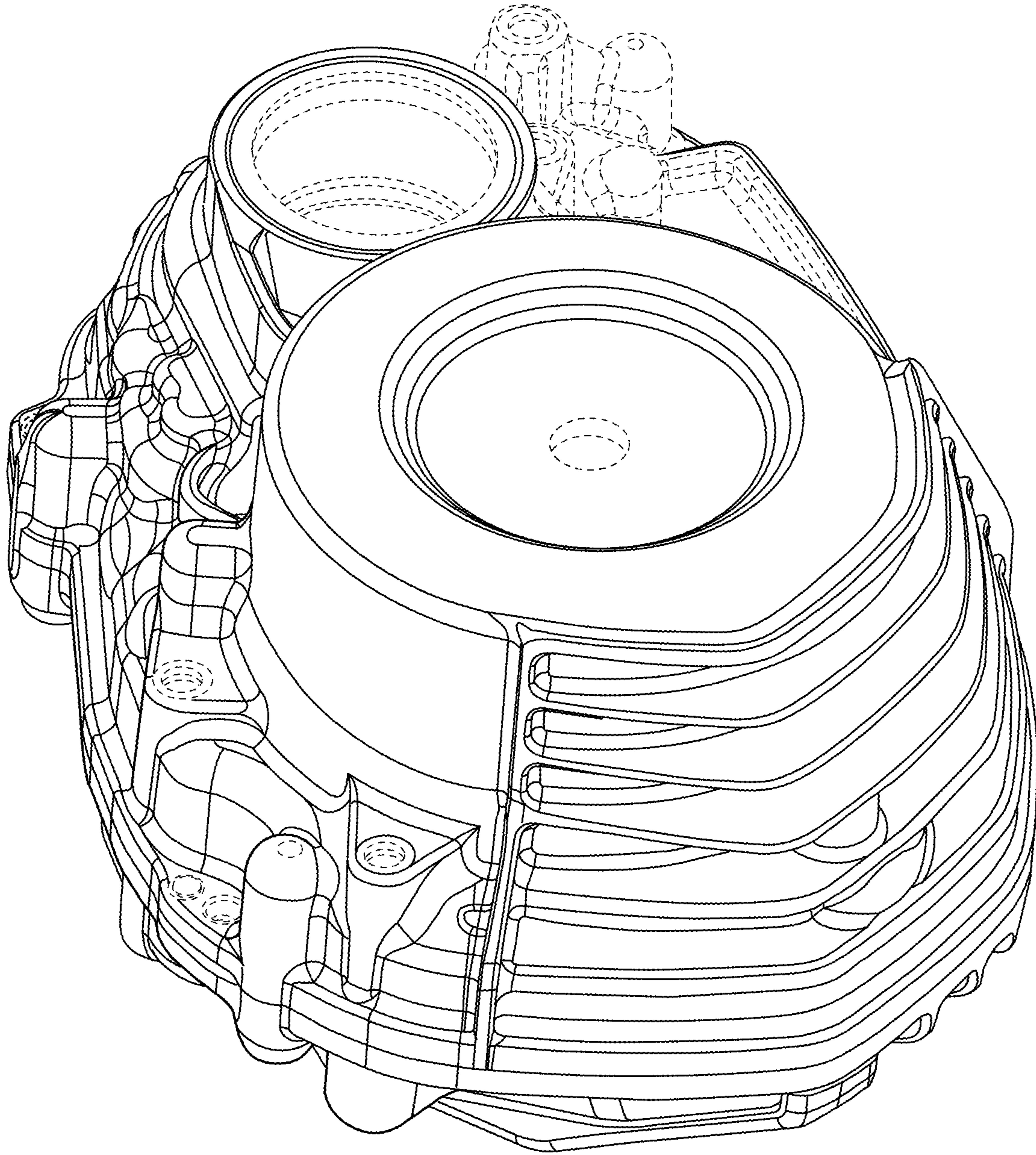


FIG. 1

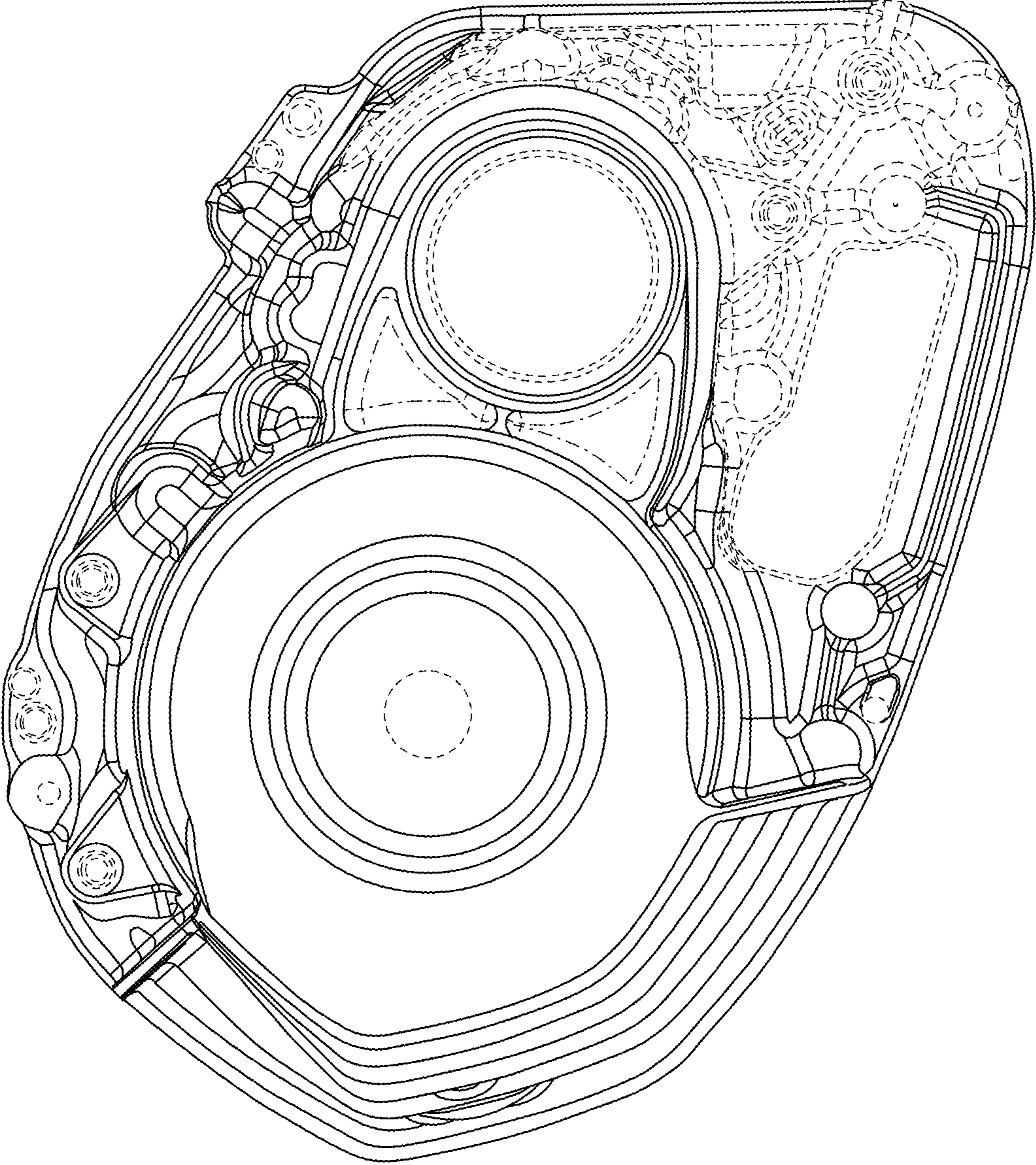


FIG. 2

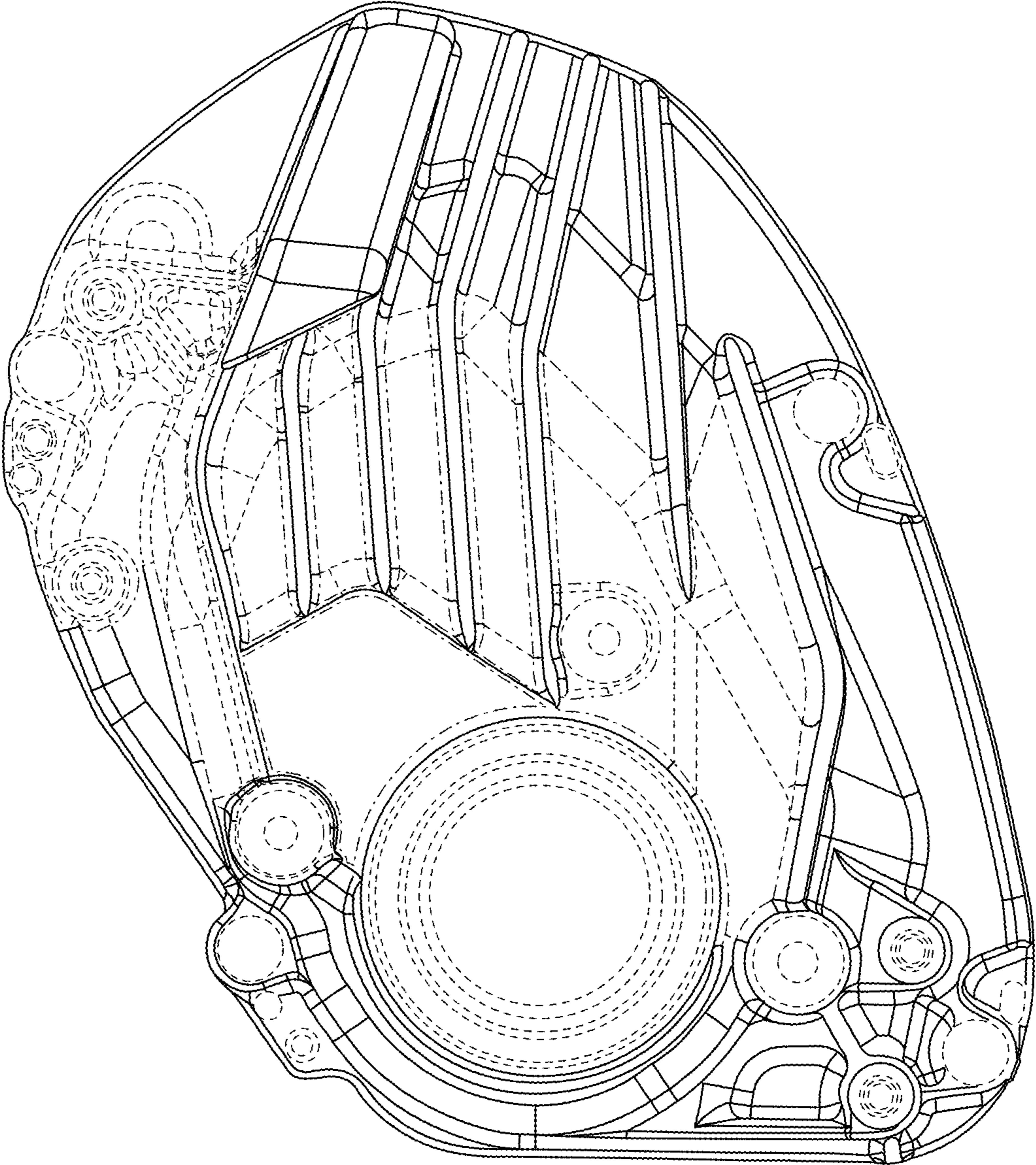


FIG. 3

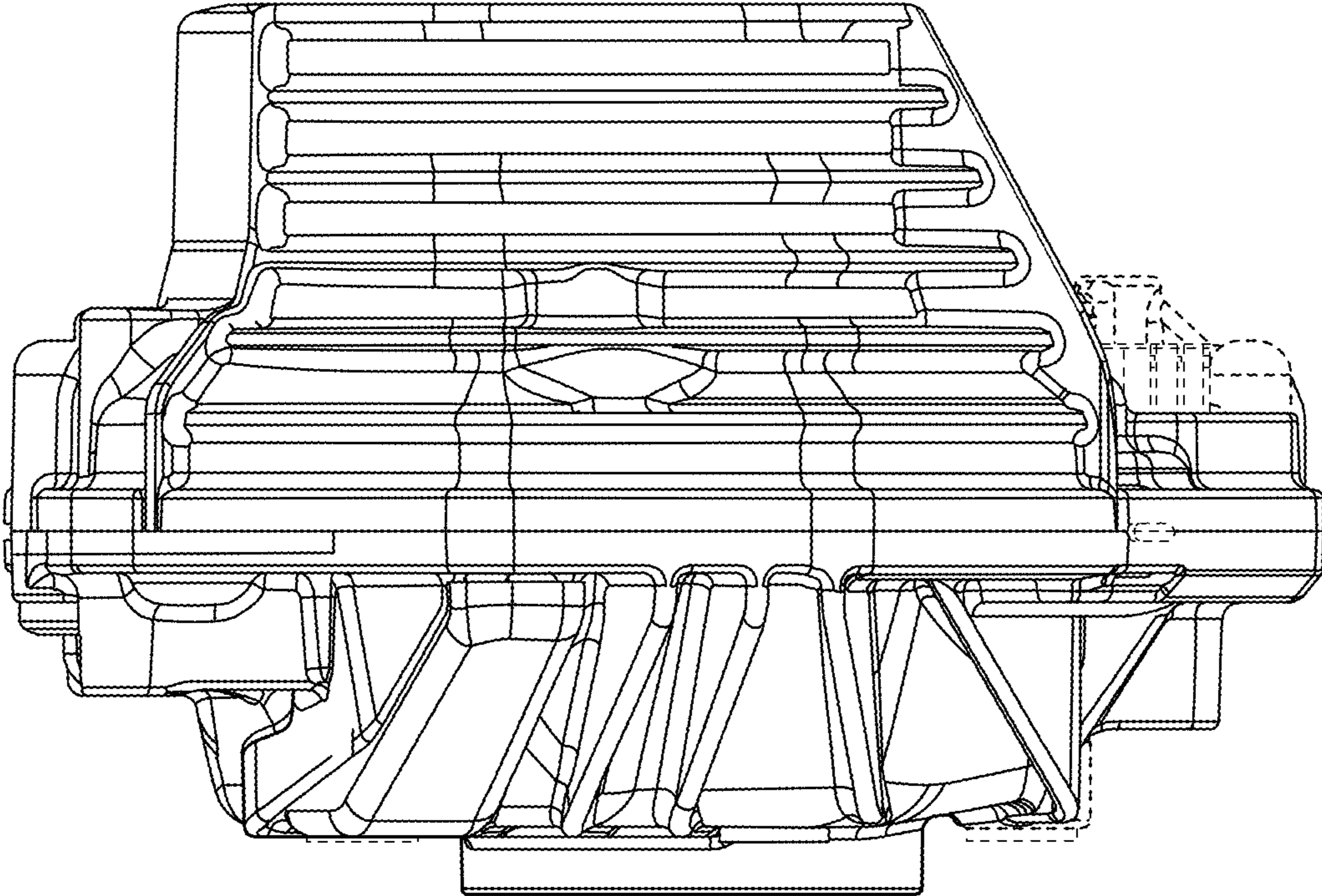


FIG. 4

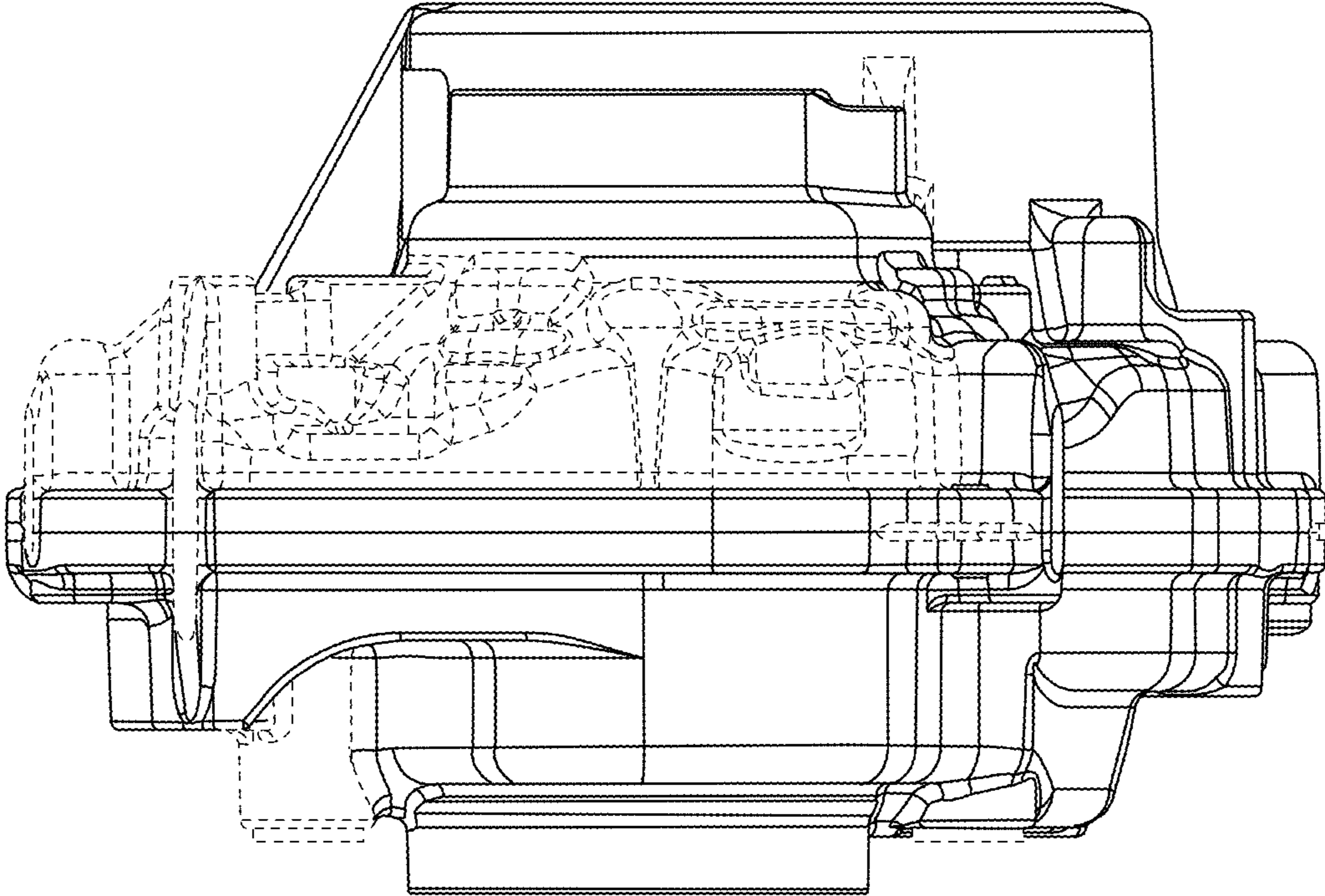


FIG. 5

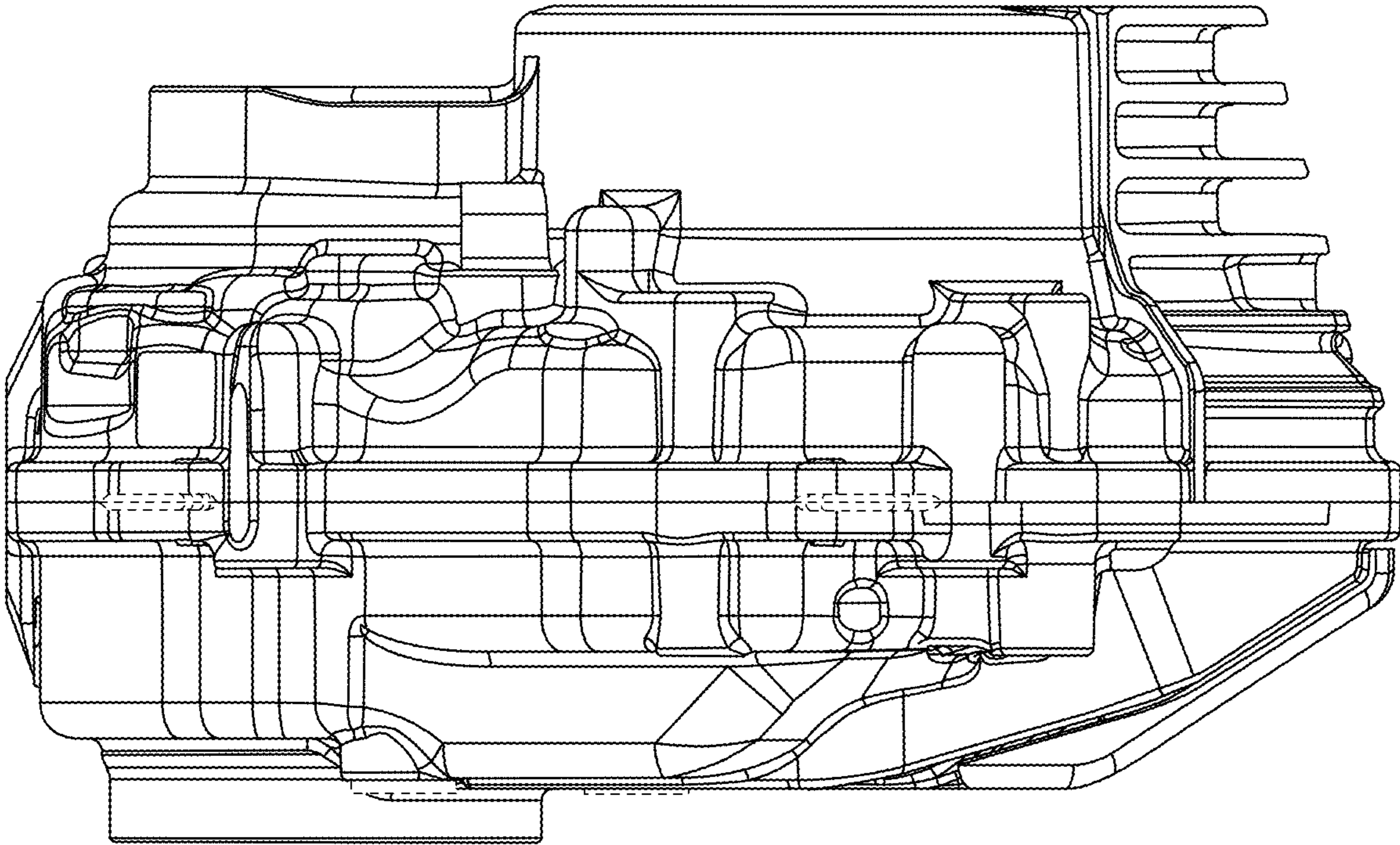


FIG. 6

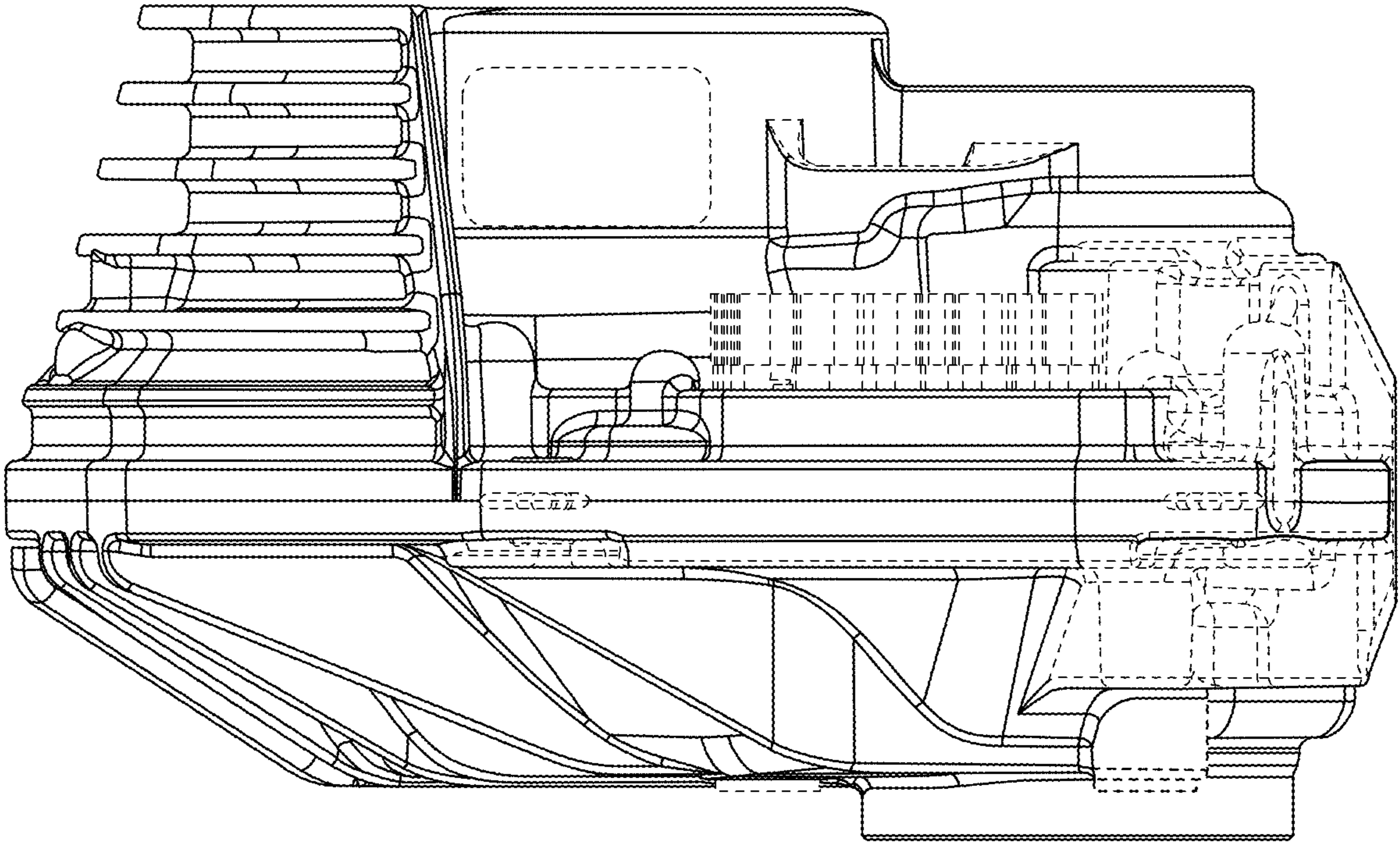


FIG. 7