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(12) **United States Design Patent** (10) **Patent No.:** **US D1,027,682 S**
Birnkrant et al. (45) **Date of Patent:** **** May 21, 2024**

(54) **REFRIGERANT DETECTION SENSOR HOUSING**

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

“AM4205 NDIR A2L Refrigerant/Gasoline Sensor”; Specification; Item No. AM4205; Version: V0.1; Date: Jan. 20, 2021; www.gassensor.com.cn.

(21) Appl. No.: **29/809,892**

(Continued)

(22) Filed: **Sep. 30, 2021**

(51) **LOC (14) Cl.** **10-04**

(52) **U.S. Cl.** **D10/103**
USPC **D10/103**

(58) **Field of Classification Search**
USPC D10/70, 103, 65, 46, 47, 49, 75, 76;
D24/187; D14/358; D13/103, 165

CPC G01N 21/3504; G01N 21/17; G01N 21/01;
G01N 21/03; G01N 21/35; G01N 33/00;
F24F 1/00; F24F 11/00; G01J 3/42; G01J
3/10

See application file for complete search history.

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(57) **CLAIM**

We claim, the ornamental design for a refrigerant detection sensor housing, as shown and described.

DESCRIPTION

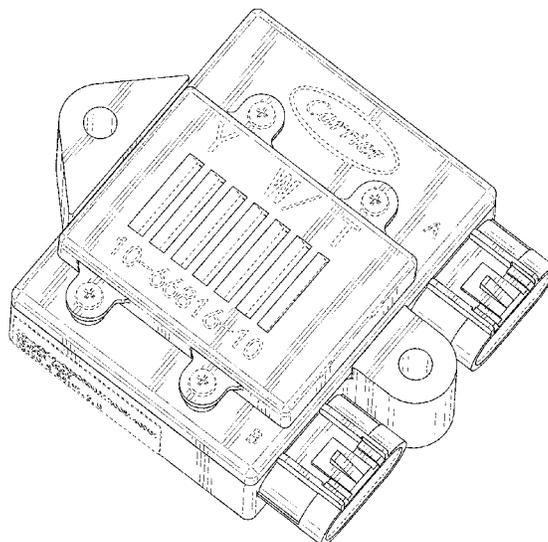
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FIG. 1 is a perspective view of a refrigerant detection sensor housing, showing our new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a left-side view thereof;
FIG. 5 is a right-side view thereof;
FIG. 6 is a back view thereof; and,
FIG. 7 is a front view thereof.
The broken lines in the figures represent no part of the claimed design.

1 Claim, 5 Drawing Sheets



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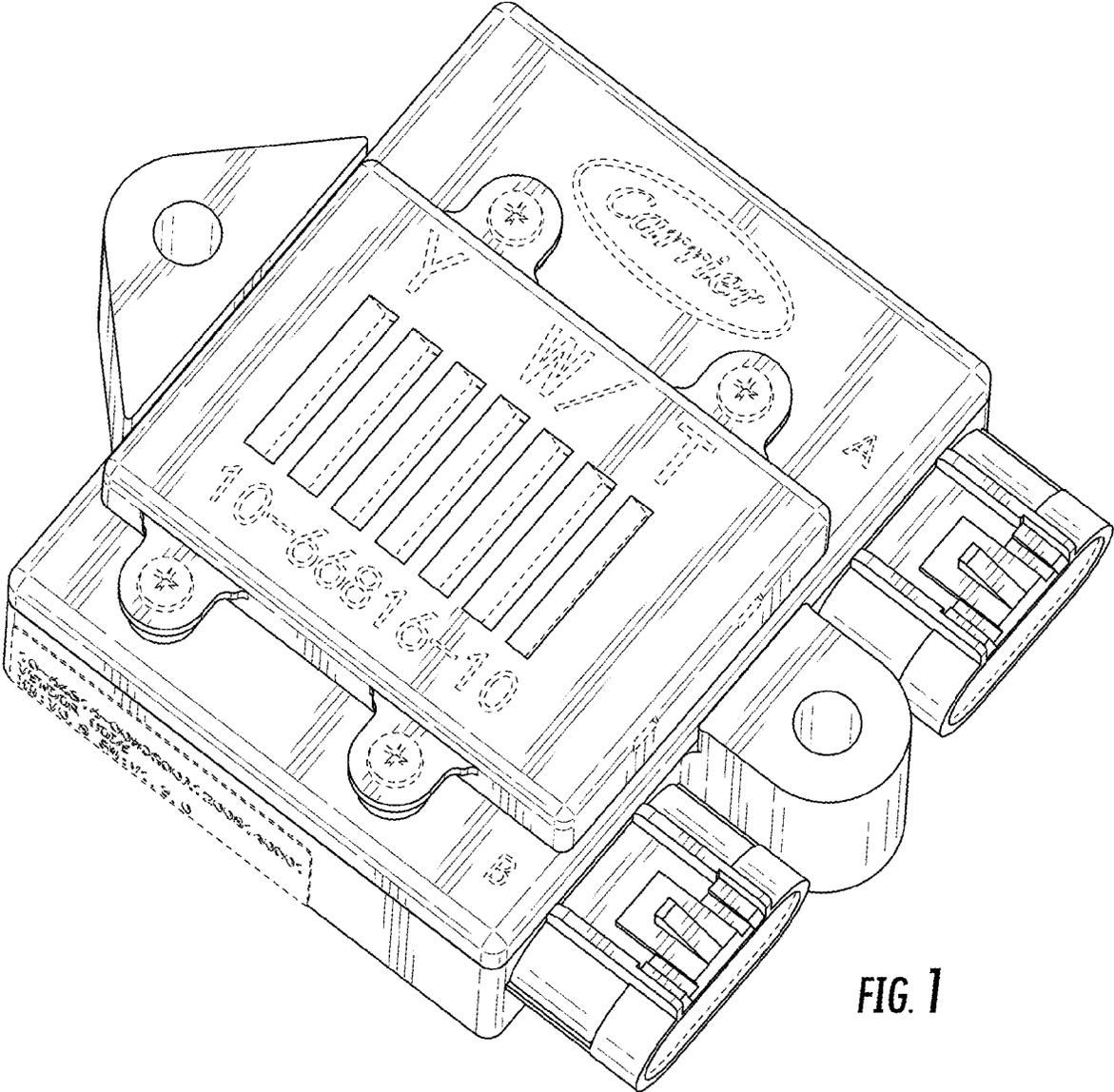


FIG. 1

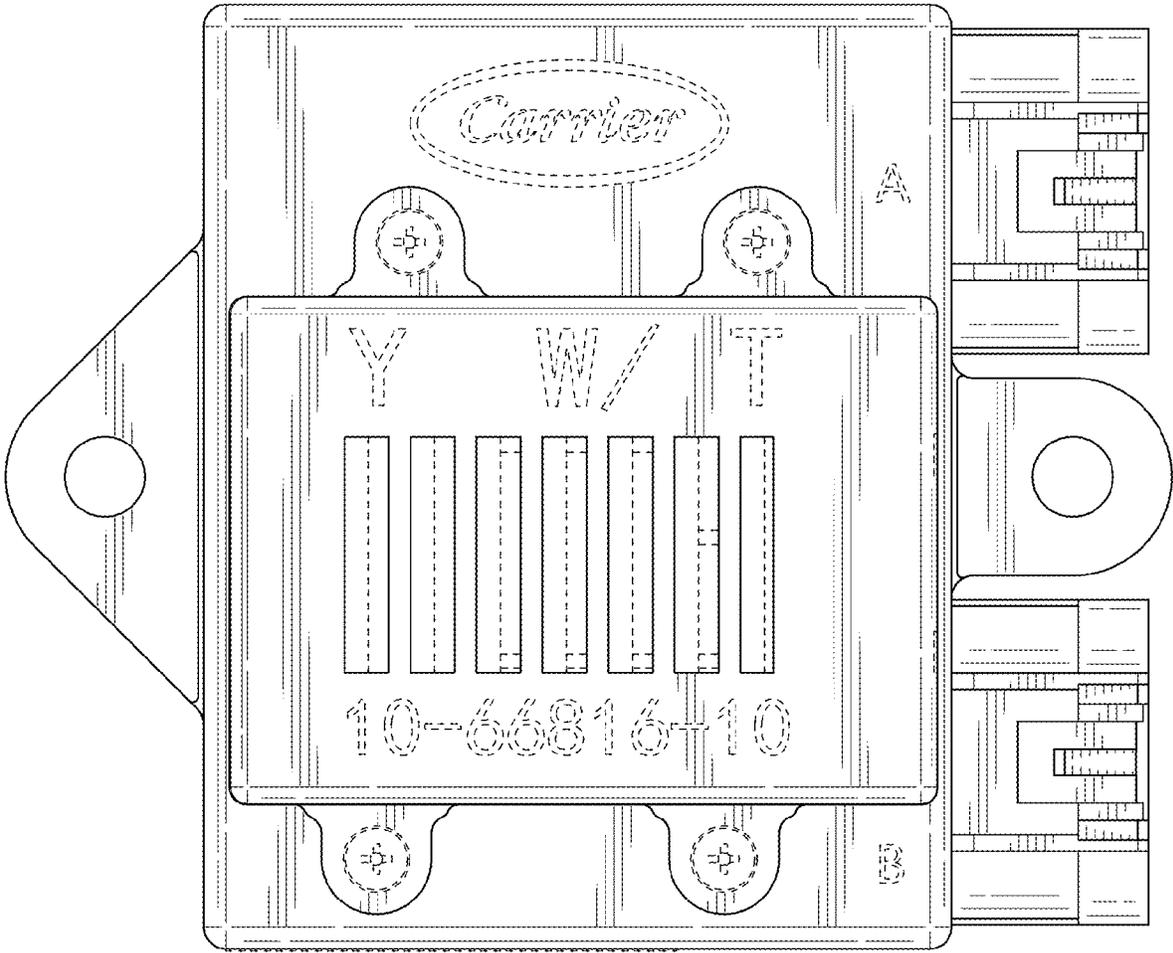


FIG. 2

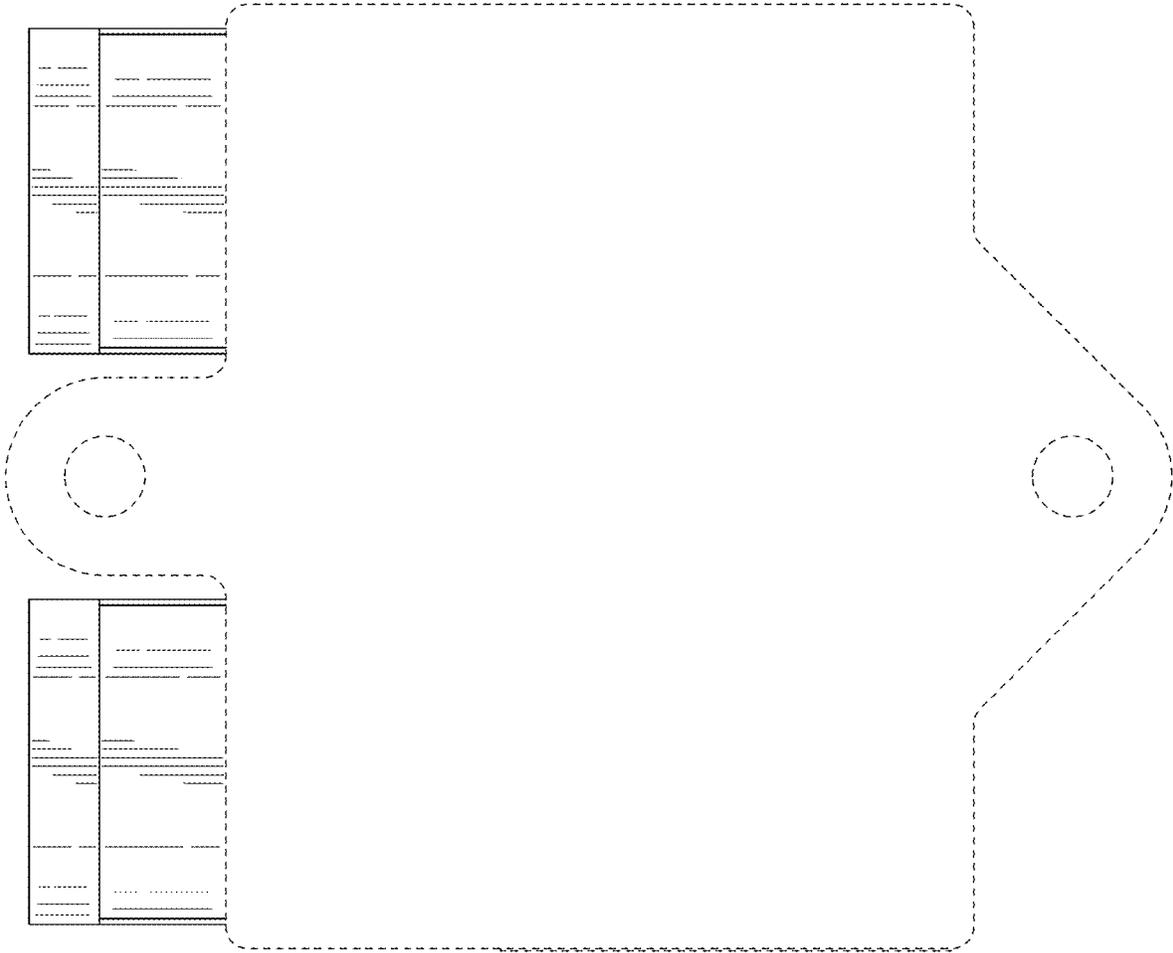


FIG. 3

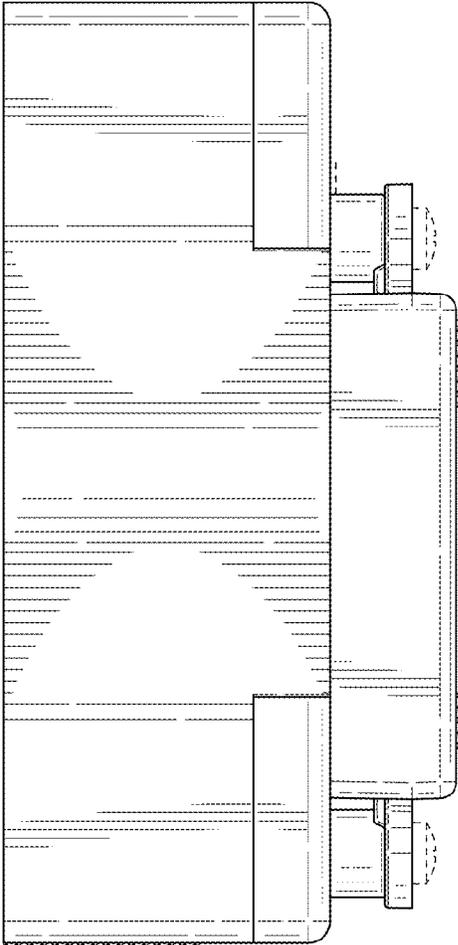


FIG. 4

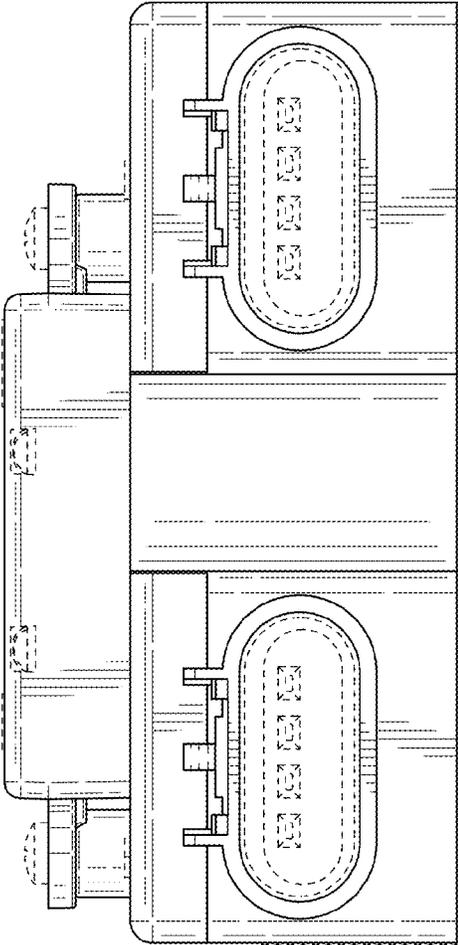


FIG. 5

