

US00D494078S1

(12) **United States Design Patent**  
**Vuillermoz**

(10) **Patent No.:** **US D494,078 S**

(45) **Date of Patent:** **\*\* Aug. 10, 2004**

(54) **CURRENT SENSOR**

6,624,622 B2 \* 9/2003 Noh ..... 324/72.5  
6,686,730 B2 \* 2/2004 Marasch et al. .... 324/117 R

(75) **Inventor:** **Guy Vuillermoz**, Bonne sur Menoge  
(FR)

**OTHER PUBLICATIONS**

(73) **Assignee:** **Liaisons Electroniques-Mecaniques**  
**LEM S.A.**, Geneva (CH)

Excerpts from ABB Control Technical Catalogue—Voltage  
Sensors, Current Sensors, Publication No. 1SBC 0011 99  
R1001, France (V. Jul. 1999 DJM).

(\*\*) **Term:** **14 Years**

Excerpts from LEM—Current and Voltage Transducers for  
Industrial Applications, Publication No. CH 21100 E (06.01,  
12.5, GKD).

(21) **Appl. No.:** **29/173,977**

\* cited by examiner

(22) **Filed:** **Jan. 9, 2003**

(30) **Foreign Application Priority Data**

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Jan. 7, 2003 (WO) ..... DM/062779

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(51) **LOC (7) Cl.** ..... **10-04**

(57) **CLAIM**

(52) **U.S. Cl.** ..... **D10/75**

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

(58) **Field of Search** ..... D10/75, 79, 80;  
324/117 R, 117 H

**DESCRIPTION**

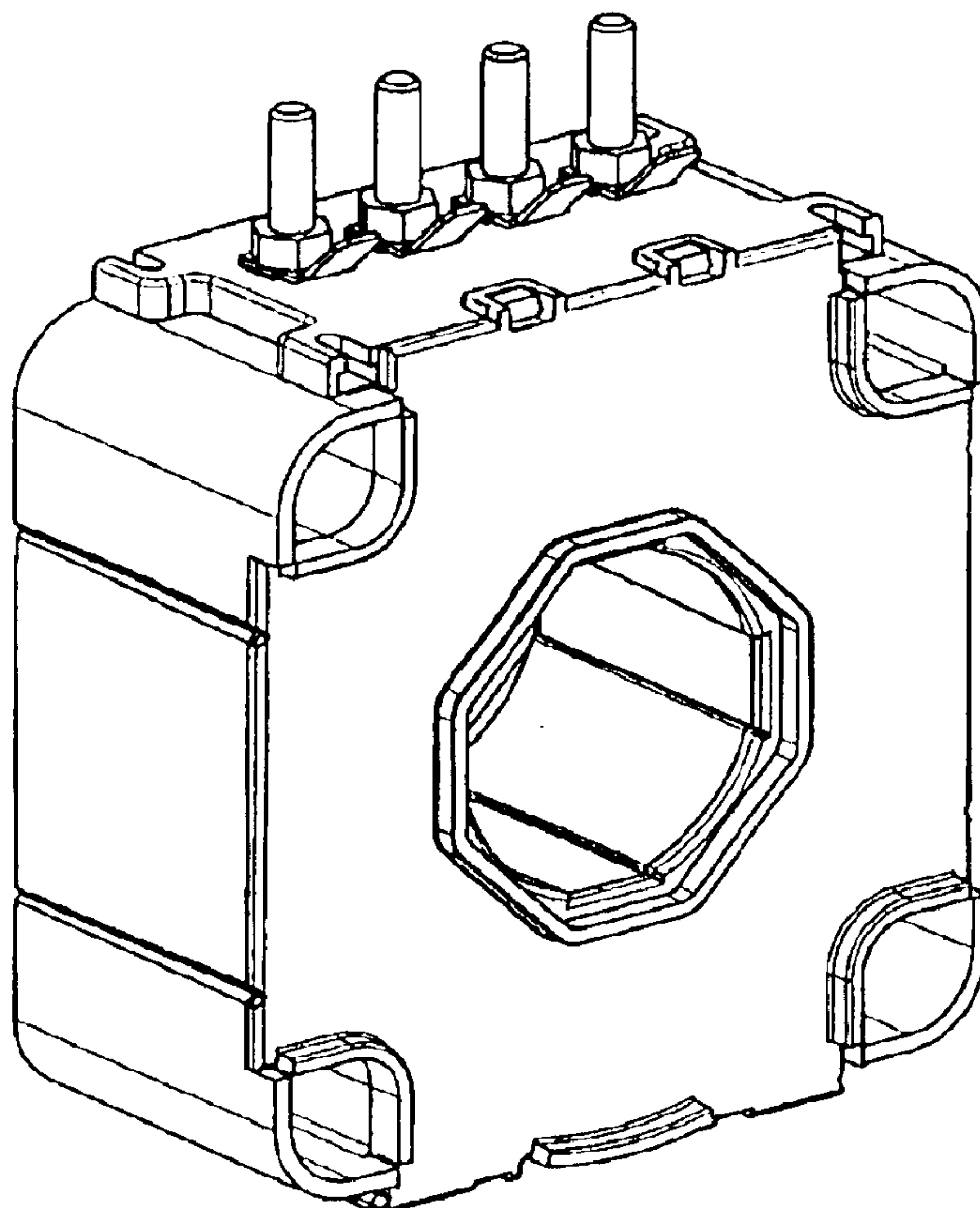
(56) **References Cited**

FIG. 1a is a front perspective view of a current sensor  
showing my new design; and,  
FIG. 1b is a rear perspective view of FIG. 1a.

**U.S. PATENT DOCUMENTS**

D353,547 S \* 12/1994 Cattaneo ..... D10/75  
D367,013 S \* 2/1996 Cattaneo ..... D10/75

**1 Claim, 1 Drawing Sheet**



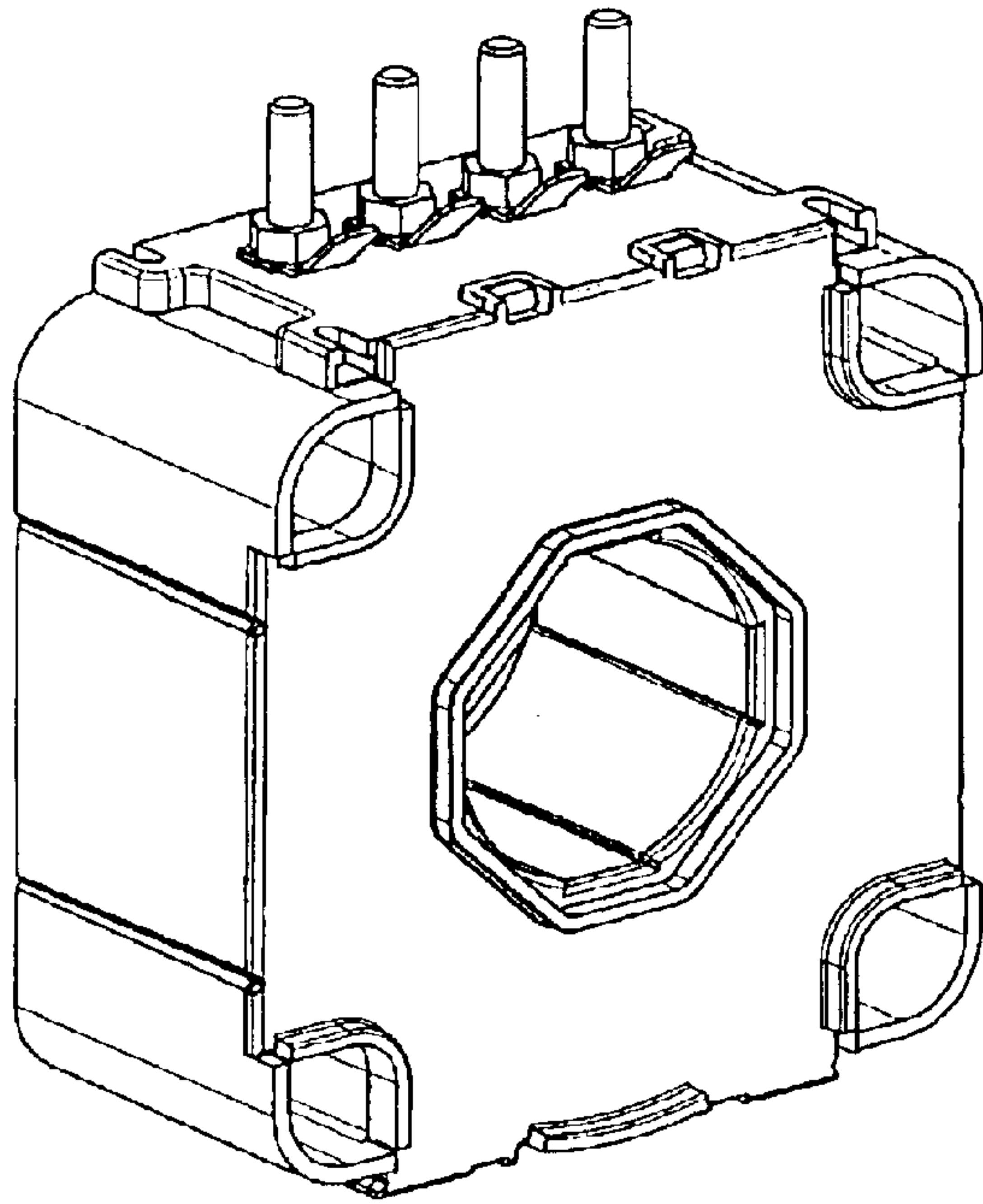


Fig 1a

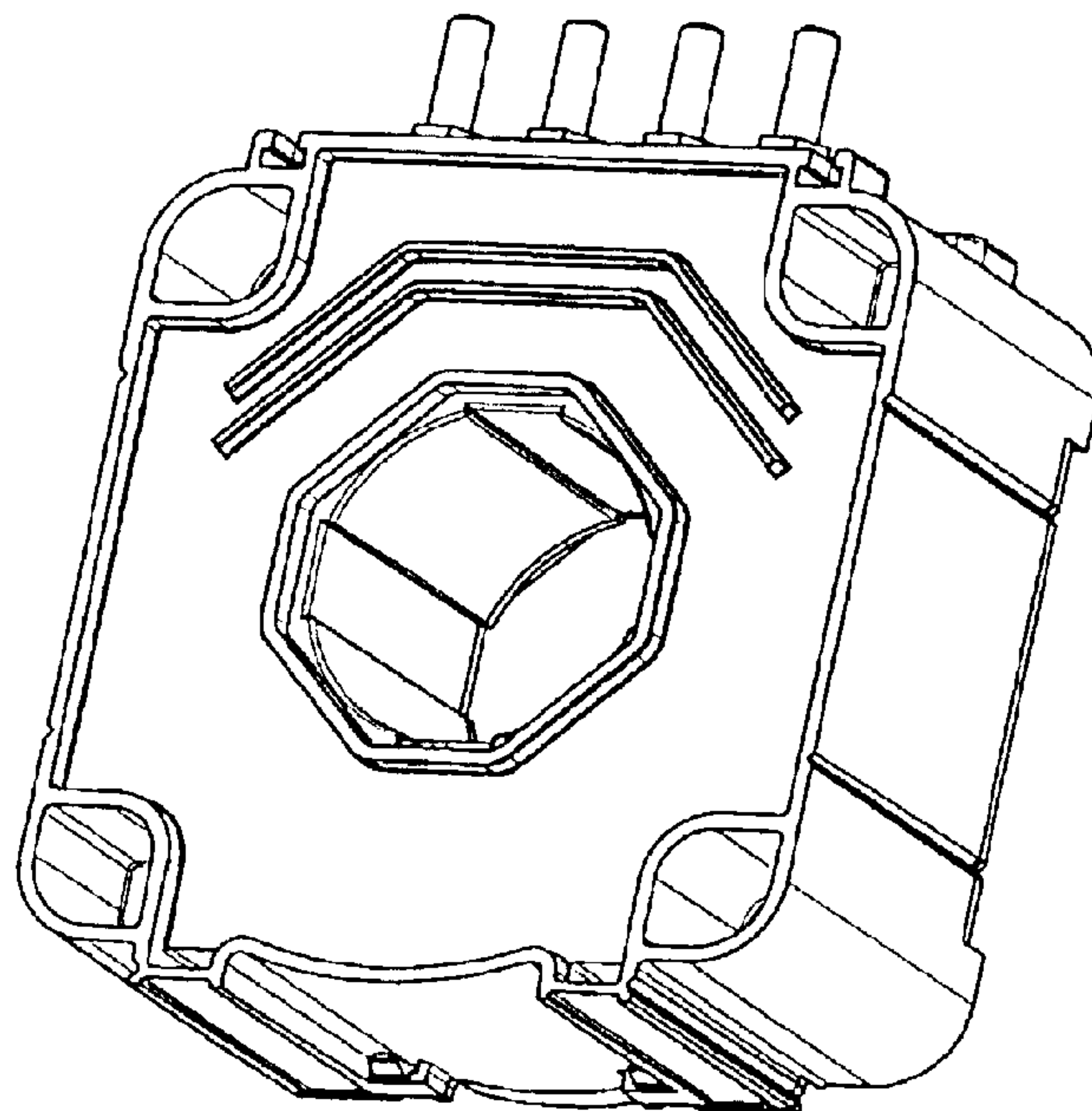


Fig 1b