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Miyazaki et al.

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[54] POWER SUPPLY CONTROL SYSTEM

[75] Inventors: **Hideki Miyazaki; Ikuo Yamato; Kenichi Onda**, all of Hitachi, Japan; **Yasuo Matsuda**, Eastchester, N.Y.; **Yuzo Morita**, Hitachi, Japan; **Hidefumi Shirahama**, Hitachi, Japan; **Norikazu Tokunaga**, Hitachi, Japan; **Yutaka Suzuki**, Hitachi, Japan

[73] Assignee: **Hitachi, Ltd.**, Tokyo, Japan

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[30] Foreign Application Priority Data

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Aug. 11, 1989 [JP]	Japan	1-206804
Mar. 14, 1990 [JP]	Japan	2-063805

[51] Int. Cl.⁵ **H02M 7/537; H02M 7/155; H01R 25/00**

[52] U.S. Cl. **363/146; 307/151; 315/291; 439/489; 439/679**

[58] Field of Search **307/149, 151; 363/146; 315/291, DIG. 5, DIG. 7; 439/346, 488, 489, 679**

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Primary Examiner—Emanuel T. Voeltz

Attorney, Agent, or Firm—Antonelli, Terry, Stout & Kraus

[57] ABSTRACT

A power supply control system including a variable power converter for converting electric power from a power supply to a load into that of a specification required by the load in response to a power specification information source provided on the load side. With a change in the load, the information source also changes, thereby providing a flexible power supply control system capable of meeting different loads. For applications to a high power supply, the system comprises a plurality of variable power converters adapted to operate selectively in accordance with requisite power information sources provided in or on the side of a plurality of loads, thereby providing a system realizing a flexible power supply. For application to a low power supply, the system comprises a plug having a power specification information source and a socket having a variable power converter.

27 Claims, 33 Drawing Sheets

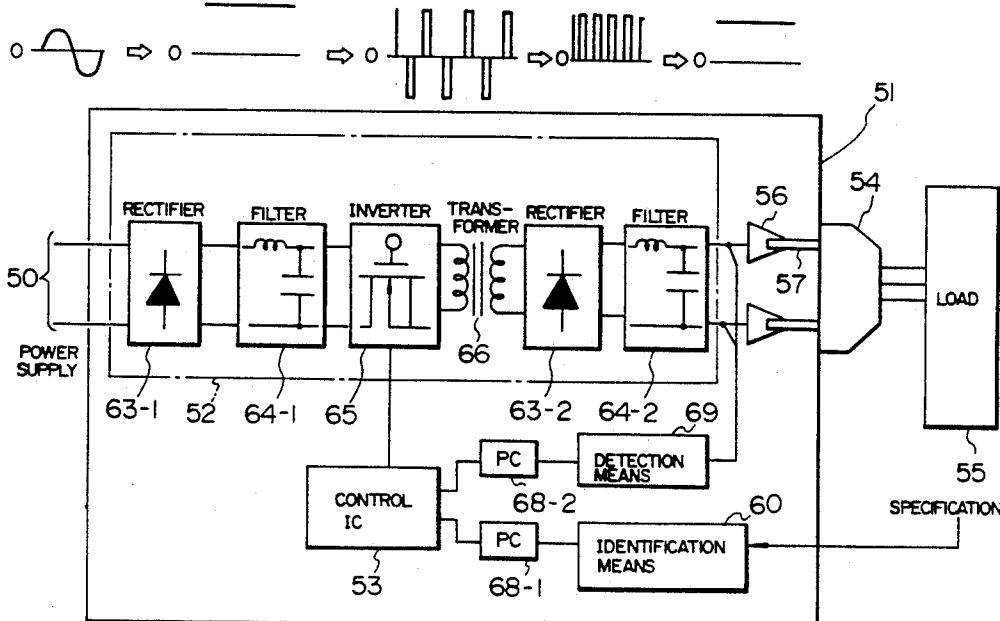


FIG. 1

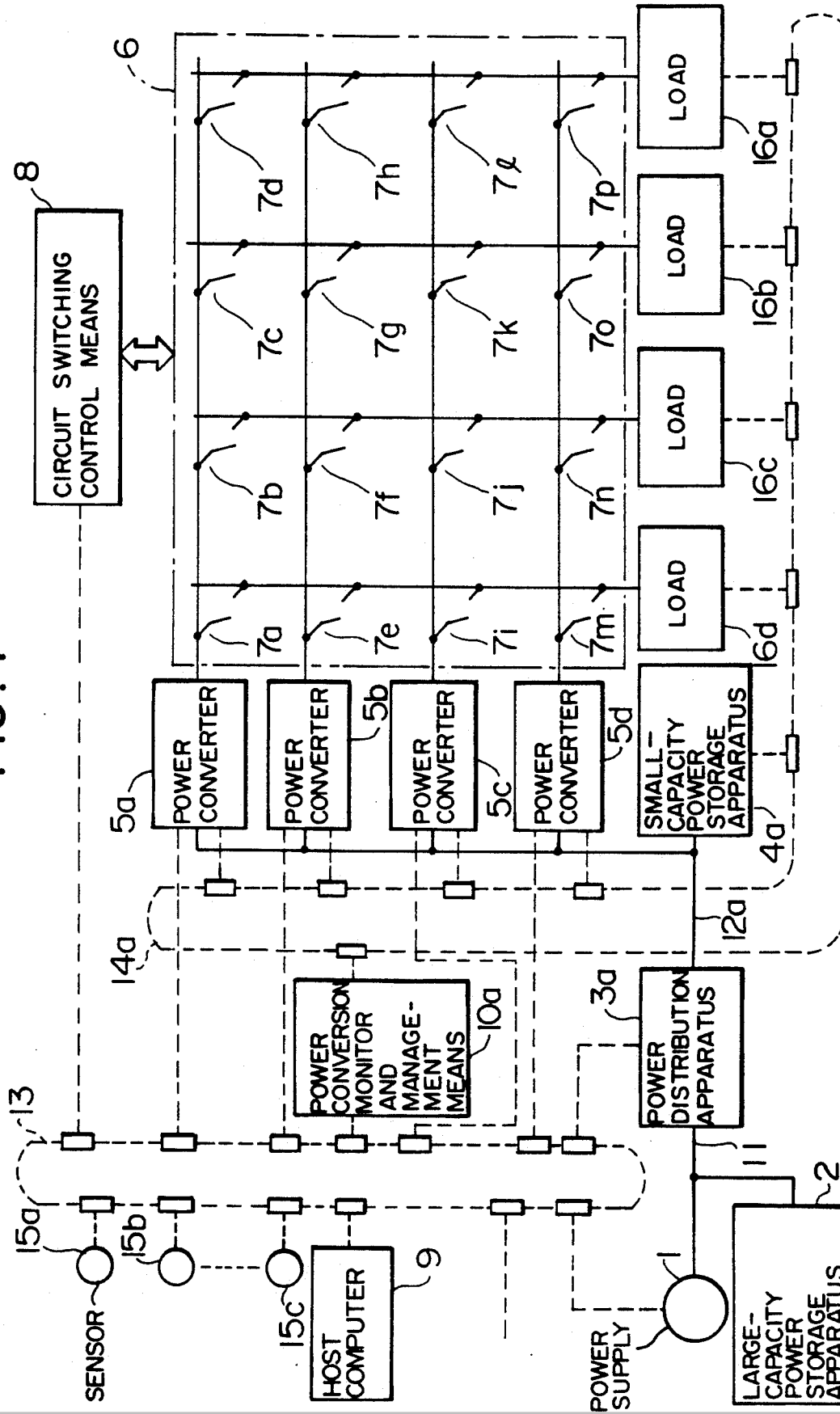


FIG. 2

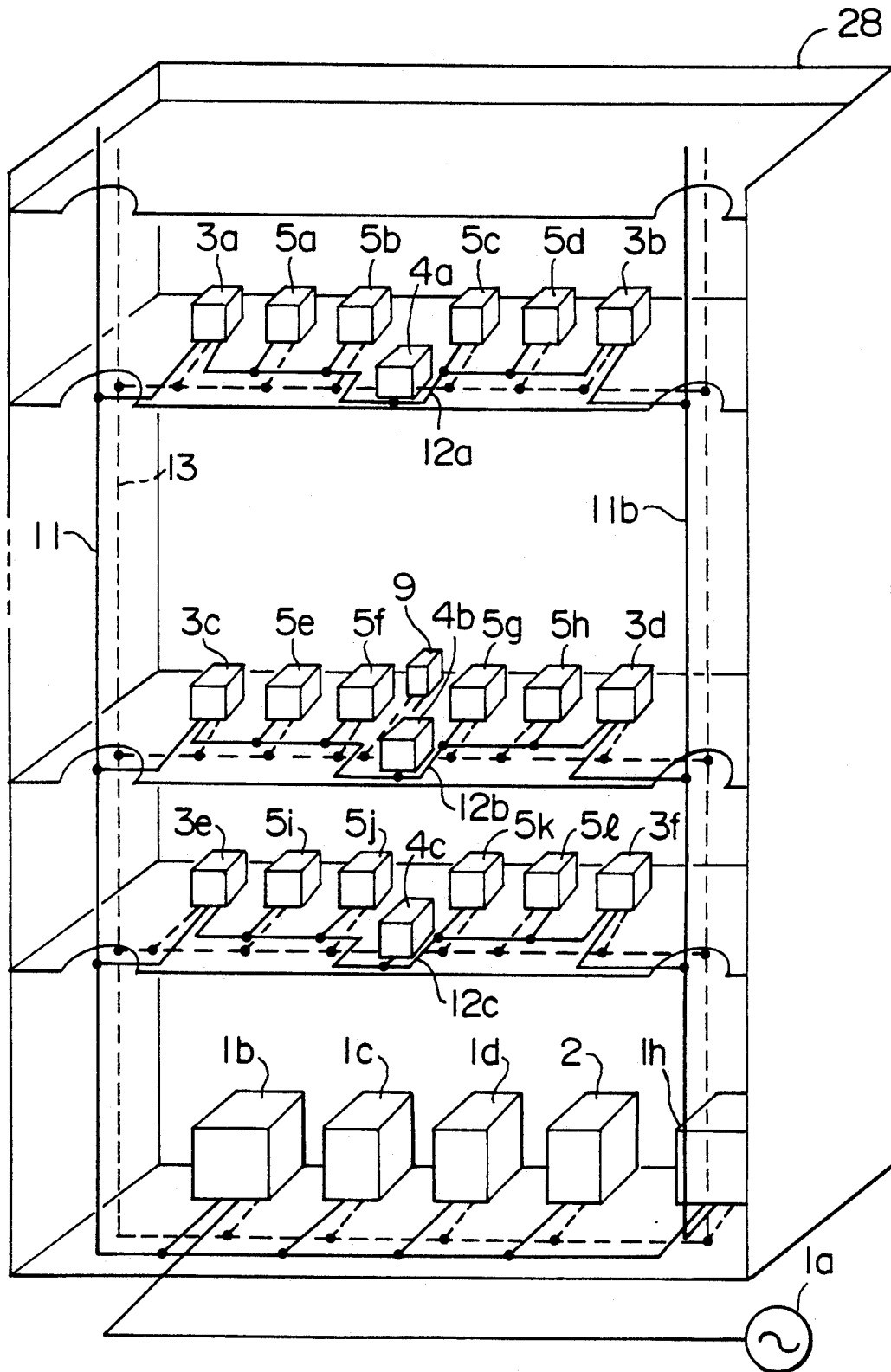


FIG. 3A

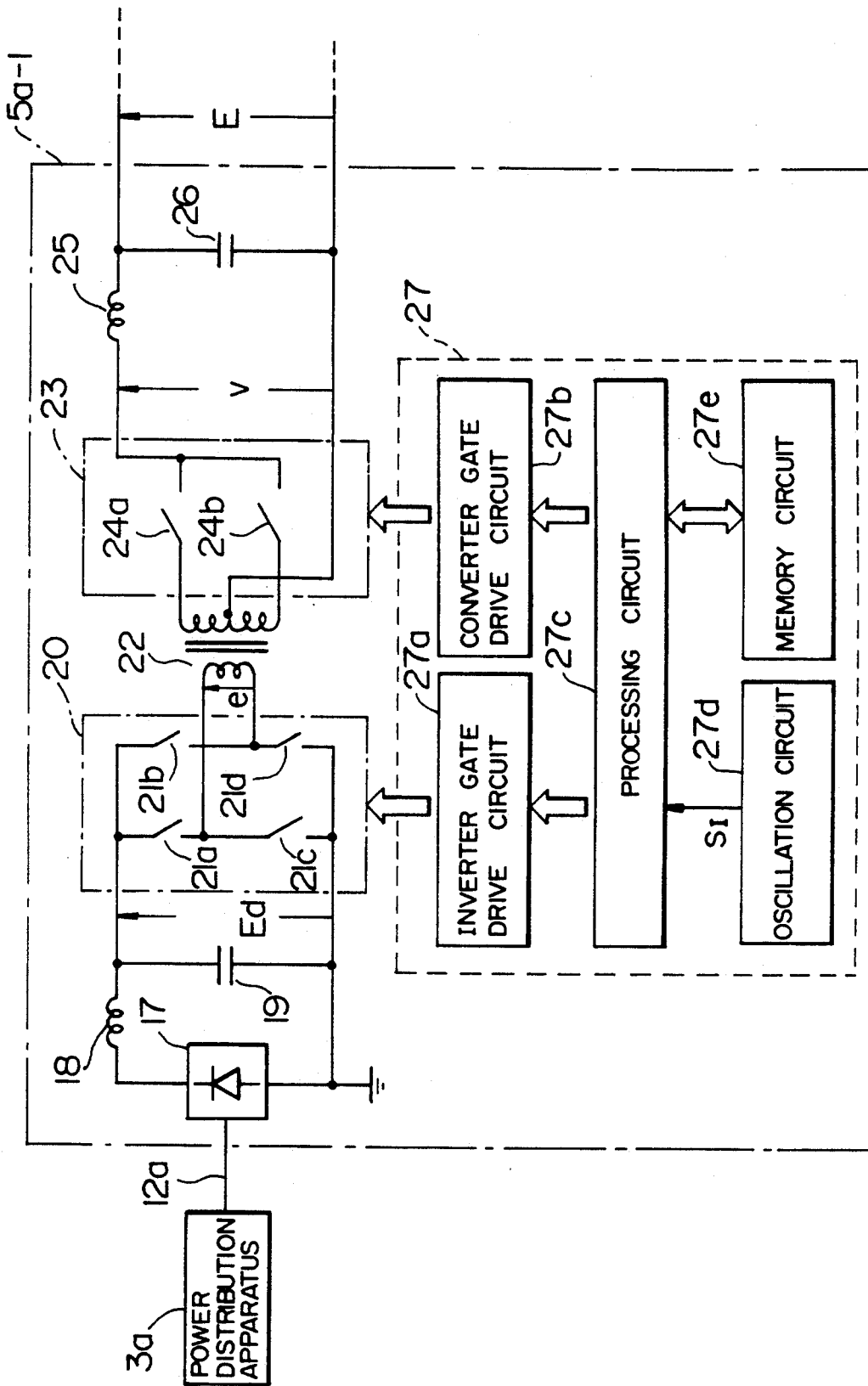
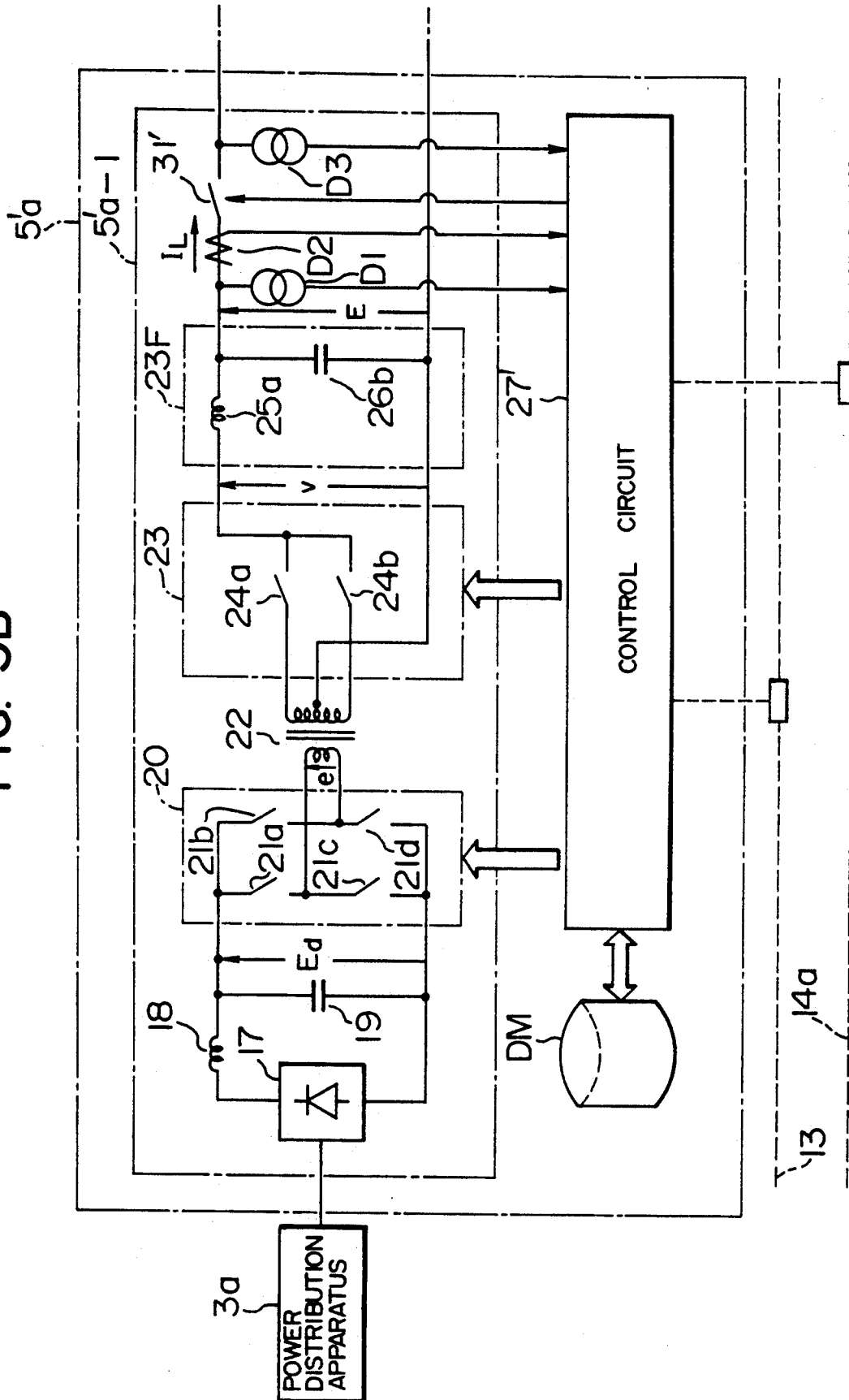


FIG. 3B



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