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Myly

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(54) **METHOD AND A SYSTEM FOR DETERMINING THE POWER CONSUMPTION IN CONNECTION WITH AN ELECTRONIC DEVICE, AND AN ELECTRONIC DEVICE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 472 days.

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G06F 1/00 (2006.01)

G06F 1/26 (2006.01)

G06F 1/32 (2006.01)

(52) **U.S. Cl.** **713/300; 713/320; 713/322**

(58) **Field of Classification Search** **713/300, 713/320, 322**

See application file for complete search history.

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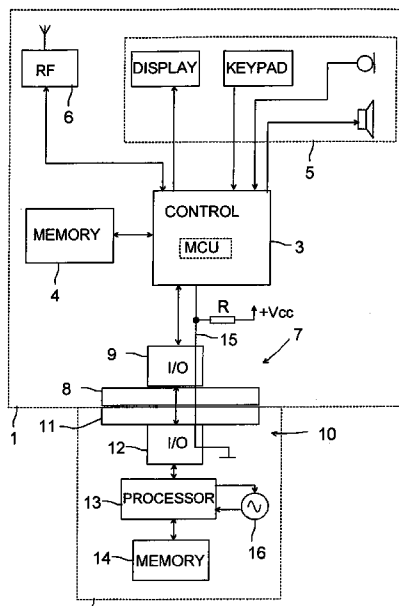
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(57) **ABSTRACT**

The present invention relates to a method and a system for determining the power consumption in an electronic device, to which a peripheral device is connected, to which the power is supplied from the electronic device. At least a first maximum value and a second maximum value, higher than the first maximum value, are determined for the power consumption. Signaling between the electronic device and the peripheral device sets a maximum value for the power consumption of the peripheral device which is between said first and second maximum values. The invention also relates to an electronic device and a peripheral device, in which the method is applied.

29 Claims, 4 Drawing Sheets



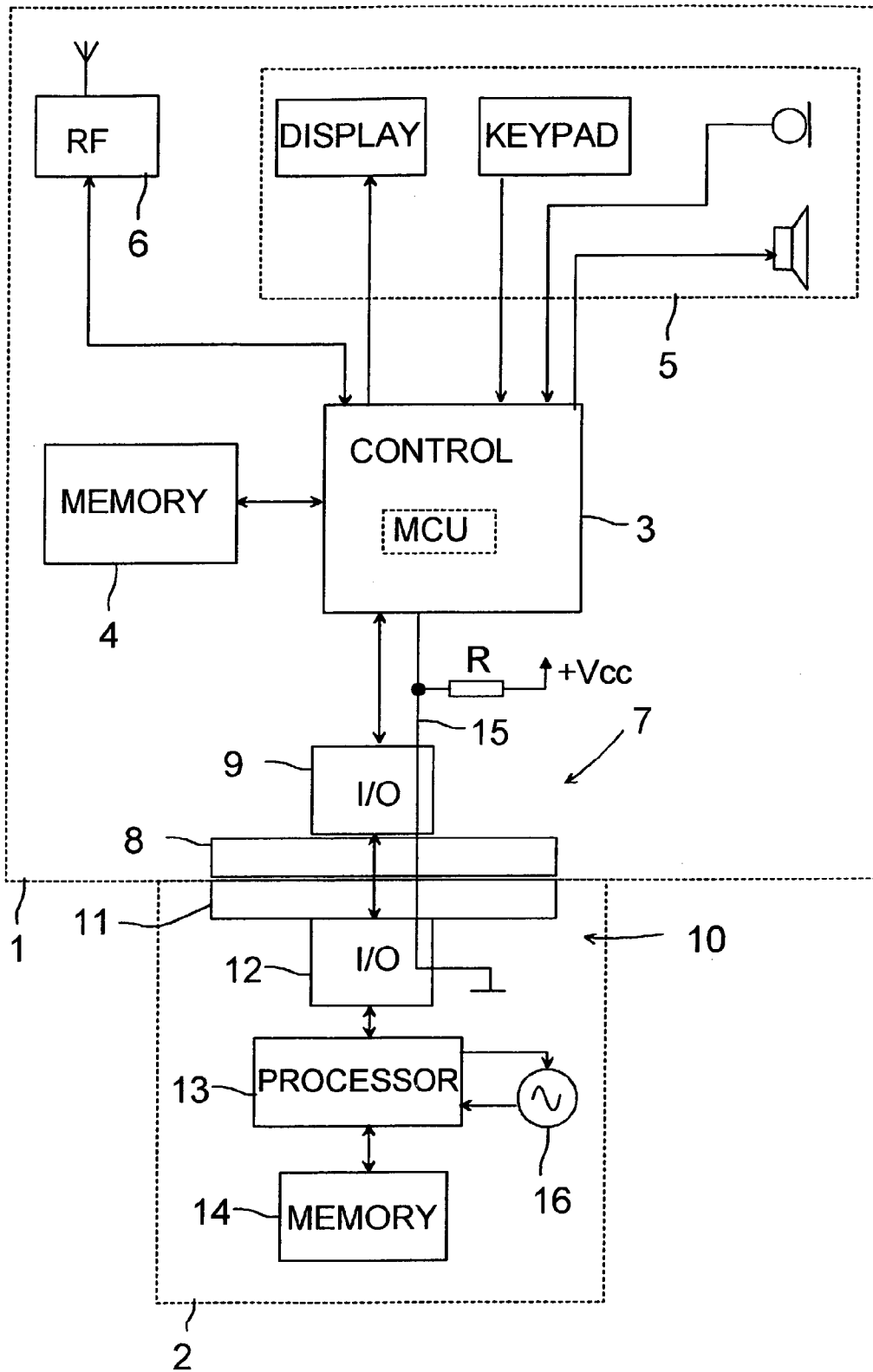


Fig 1

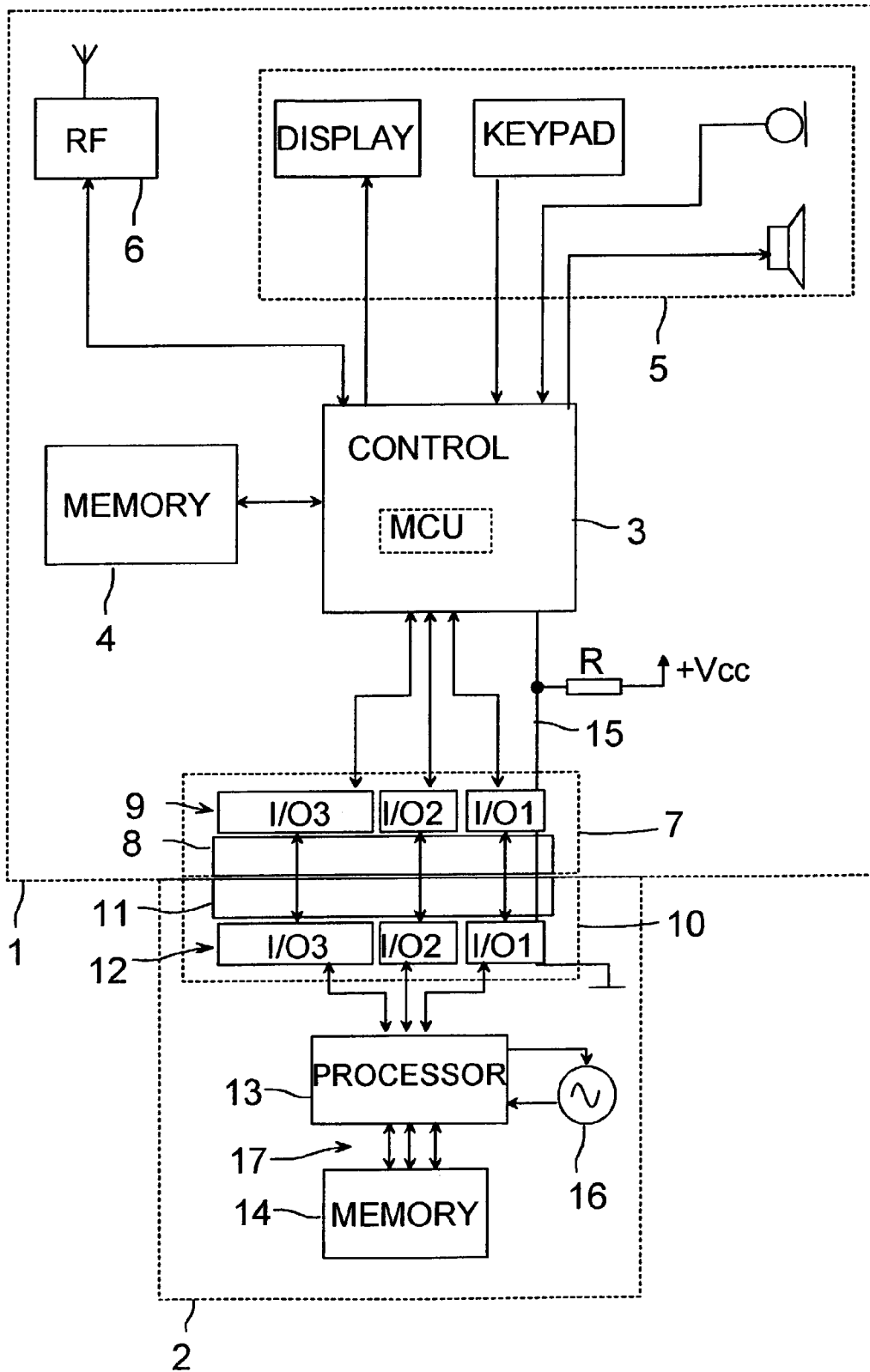


Fig 2

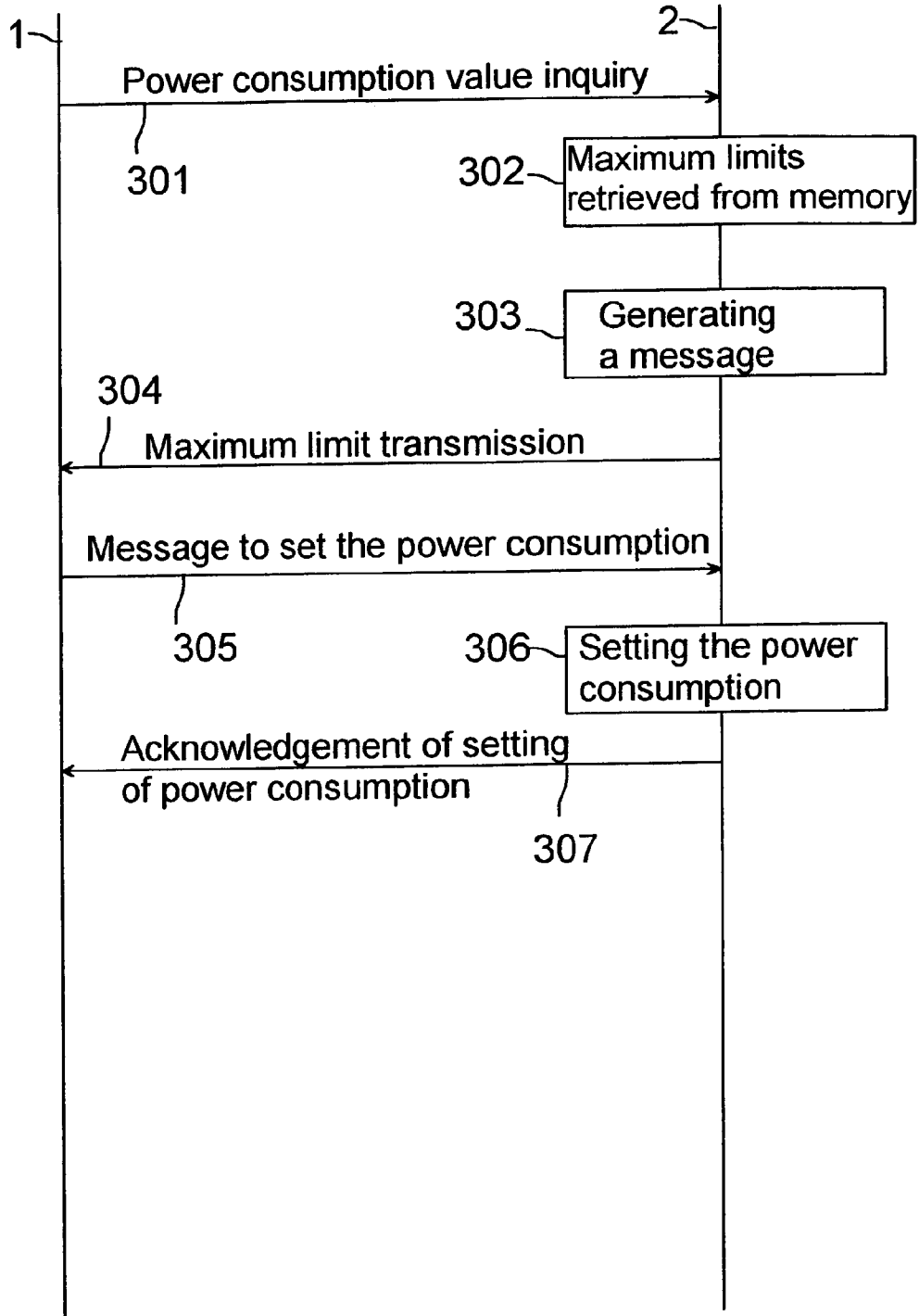


Fig 3

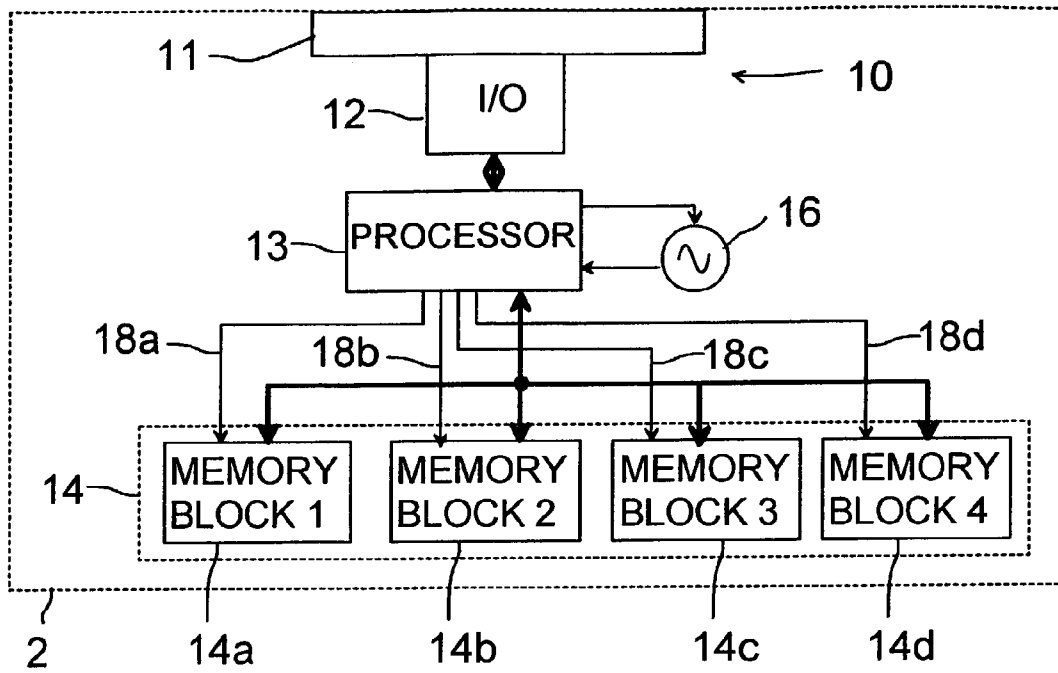


Fig 4

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