

Device for generating an electrical voltage of predetermined waveform, iontophoretic apparatus for transdermally administering medicinal products and
5 electrical stimulation apparatus, which apparatuses are equipped with such a device.

ABSTRACT

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The device comprises a switched-mode power supply (1) equipped with an electronic switching member (T_1), the closing of which controls the power supply to an inductor (L_1) which discharges, when the member reopens, into a capacitor (C_1) at the terminals of which the output voltage of the device appears,
15 characterised in that it comprises (a) storage means for recording a sequence of image numbers of successive segments of the predetermined waveform, (b) a clocked digital counter (2) and (c) means (3) for successively loading this counter (2) with each of the numbers of this sequence considered as a bound of the count performed by the counter (2), the latter cyclically controlling the closing of the
20 switching member (T_1) for a predetermined time interval, each time the count performed reaches the limit thus fixed.

Figure 1

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