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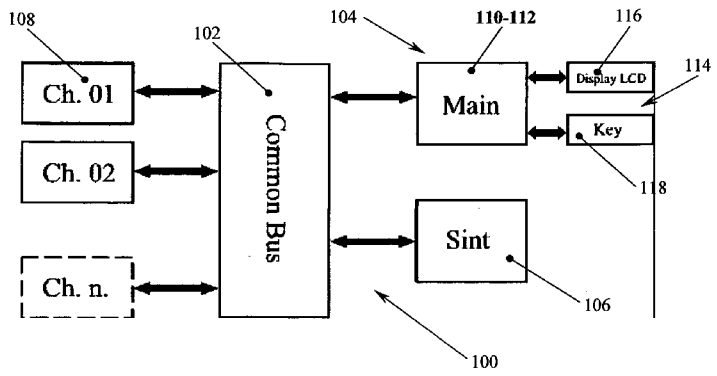


Fig. 3

(57) Abstract: The present invention relates to an apparatus and to a method for rapid suppression of acute and chronic pain, which can be used also in the paediatric field or with particular forms of pain such as chemotherapy-induced peripheral neuropathy (CIPN) and neuralgias that affect the eye bulb, and is in general particularly useful and effective in regard to pains of high degree and/or resistant to other analgesics, such as opiates or other forms of conventional electro-analgesia such as transcutaneous electrical nerve stimulators (TENS) and implanted stimulators. According to the present invention, strings of synthetic "non-pain" information of considerable effectiveness are generated, such as to enable a high reproducibility of the clinical result. The synthesis is made by combining new geometries of waveforms and new modulations in complex sequences, perceived instantaneously as "self" and as "non-pain" by the CN. S.

WO 2012/066583 A1