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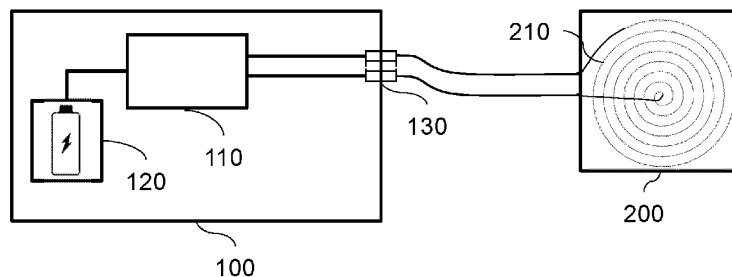
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(54) Title: ELECTROMAGNETIC APPLICATOR SYSTEM

Fig 1



(57) Abstract: An electromagnetic applicator system comprises a housing (100) which contains a control unit (110), a battery pack (120) for supplying the control unit (110) and plug connections (130) which are accessible from the outside, and at least one applicator (200) which comprises at least one coil (210) which is connectable to the plug connections (130) via a supply line with an at least two-pole plug connection. The at least one coil and the supply line are formed with a high-frequency stranded wire. The control unit (110) is configured to generate a sequence of electrical pulse signals (PS) from energy stored in the battery pack (120) for output via the plug connections (130), so that the at least one applicator (200) generates an electromagnetic field when it is connected to the plug connections (130). Each pulse signal (PS) has a maximum pulse power in the range from 100 kW to 10 MW with a pulse length in the range from (100) μ s to (10) ms.

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