

Title (en)
TREATMENT OF HYPERTENSION

Title (de)
BEHANDLUNG VON HYPERTONIE

Title (fr)
TRAITEMENT DE L'HYPERTENSION

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Application
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Abstract (en)
[origin: WO2023031053A1] A system for treating a patient with hypertension is disclosed, comprising a stimulation device comprising a first electrode arrangement configured to deliver an electric stimulation signal to a wall portion of a renal artery of the patient to affect a vasomotor tone of a smooth muscle tissue of the renal artery, a signal damping device comprising a second electrode arrangement configured to deliver an electric damping signal to tissue of the patient, and a control unit operably connected to the stimulation device and to the signal damping device, wherein the control unit is configured to control an operation of the stimulation device such that the electric stimulation signal causes vasodilation of the renal artery, and to control an operation of the signal damping device to damp or disturb the electric stimulation signal delivered by the stimulation device.

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