

Title (en)

HF GENERATOR FOR HIGH-POWER CONSUMERS

Publication

EP 0378997 A3 19920902 (DE)

Application

EP 90100122 A 19900104

Priority

DE 3900958 A 19890114

Abstract (en)

[origin: EP0378997A2] The invention relates to an RF generator for high-power consumers, with a self-excited oscillator SK, RK, Tr, having a multi-grid valve Tr. In order to be able to generate radio-frequency pulses of any shape, an electronic switch T1 is connected to a control grid G1 of the multi-grid valve Tr, which is connected to the feedback RK, with which switch T1 the control grid G1 can optionally be connected to the cathode K of the multi-grid valve Tr or to a negative bias voltage. In this way, it is possible to interrupt the oscillations. The amplitude modulation of the radio-frequency voltage within the pulse set on the other control grid G1 is carried out on the second control grid G2 of the multi-grid valve Tr. By combining the two control possibilities, any desired pulse shape of the RF voltage can be generated. <IMAGE>

IPC 1-7

H05B 6/04

IPC 8 full level

H05B 6/04 (2006.01)

CPC (source: EP)

H05B 6/04 (2013.01)

Citation (search report)

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