

Title (en)
POWER REGULATION APPARATUS FOR A FUEL-HEATED GENERATOR

Publication
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Application
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Priority
DE 3700084 A 19870102

Abstract (en)
[origin: EP0275439A1] Fuel-heated generators must work with a fuel/air ratio which is to be kept within narrow limits. With constant heating capacity, it is possible to add to a temporally constant quantity of fuel for this purpose a quantity of air, the flow rate of which can be kept constant by means of a blower. There is a requirement for generators, the heating capacity of which can be changed at least stepwise, despite use of such a simple device, for capacity adjustment. To increase the heating capacity stepwise, there is connected parallel to the main pipe (2) at least one secondary pipe (21), in which the same fuel/air mixture as in the main pipe is present, when the stipulated quantity of air is delivered in the main pipe. The preferred application of such devices is in generators for small central heating systems with water heating.

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Cited by
CN104114947A; EP2824390A4; AU2013228243B2; AU2013228243B9; EP2690361A4; AU2011364585B2; EP2955437A1; AU2015210482B2; US9835265B2; US10503181B2; US9657946B2; US9364799B2; WO2020030323A1; US9523515B2; US9683674B2; US10215291B2; US10697815B2; US9851103B2; US10851993B2; US9645584B2; US10203049B2; US10422531B2; US11421875B2; US9846440B2; US10564062B2; US9995486B2; US10024439B2; US10697632B2; US9841122B2; US11073281B2

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