

Title (en)
PYROLYTIC SELF-CLEANING OVEN

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Application
EP 86402261 A 19861010

Priority
FR 8515306 A 19851016

Abstract (en)
[origin: US4831237A] The invention relates to an electric oven with self-cleaning pyrolytic system, includes a catalyst for smoke or fumes, at least one vault resistance and one sole resistance of standard values, wherein the oven further comprises means for powering at the beginning of a pyrolysis operation, simultaneously and exclusively the vault resistance and a part of the sole resistance, so that the power supplied by this part of the sole resistance is lower than the power supplied by the vault resistance, and wherein the catalyst is produced from a material that allows its activation prior to the saturation of the oven by smoke or fumes, exclusively through the convection heat passing into a pipe housing the catalyst from the oven, and wherein means are provided for powering other resistances after the beginning of activation of the catalyst, in order to reach the pyrolysis temperature.

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