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Oven

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Ofen

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Four

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Application
EP 10003651 A 20100401

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Abstract (en)

The present invention relates to an oven comprising an oven muffle with a muffle wall (10) defining an oven cavity and a heating loop (20), the heating loop (20) being fixedly mounted onto the muffle wall (10) in a fixing region of the heating loop (20), the fixing region being adjacent to a current entry and a current exit provided through the muffle wall (10) for delivering electrical power to the heating loop (20). The heating loop (20) comprises at least one spacer (24) mounted onto the heating loop (20) outside the fixing region for maintaining a predetermined minimum distance between the heating loop (20) and the muffle wall (10). According to the invention, the spacer (24) comprises an extension (26) directed towards the muffle wall (10) and the muffle wall (10) comprises an impression (14) positioned relative to the extension (26) so as to receive the extension (26), the impression (14) being designed so as to enable at most limited lateral displacement of the heating loop arising under working conditions of the oven.

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Citation (search report)

- [XYI] DE 3528696 C1 19860904 - BOSCH SIEMENS HAUSGERAETE
- [Y] WO 0239021 A1 20020516 - WILSON RON [AU]
- [A] US 4752664 A 19880621 - YOSE TOSHIO [JP]
- [A] US 4629865 A 19861216 - FREEDMAN GEORGE [US], et al
- [A] JP S5560132 A 19800507 - MATSUSHITA ELECTRIC IND CO LTD
- [A] US 2008184983 A1 20080807 - BAEK SEUNG JO [KR], et al
- [A] US 6949720 B1 20050927 - MUÑOZ ANTONIO [US], et al
- [A] WO 2008080838 A1 20080710 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

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