

Title (en)
Electric resistance heating assembly

Title (de)
Widerstandsheizanordnung

Title (fr)
Ensemble de chauffage à résistance électrique

Publication
EP 2034797 B1 20150506 (EN)

Application
EP 08163921 A 20080909

Priority
RO 200700637 A 20070910

Abstract (en)
[origin: EP2034797A2] According to the invention, the said assembly comprises a ceramic body (1) inside of which an aperture is cut, in which a resistance subassembly (A) is mounted and is fastened between two micanite plates (2), the resistance subassembly (A) comprising a first micanite support which has a Kanthal D wire wrapped around it and a second micanite support, the ends of the wire being insulated through the two micanite plates (2) in between which the subassembly (A) is displayed, the charging of the electric resistance being effected through two cables (8) with a double thermo resistant insulation (9), the connection of the ends of the Kanthal wire being done in such a way that its noninsulated ends are fastened between the two micanite insulated plates (2), the ceramic body (1) having its filled with a thermo-resistant adhesive.

IPC 8 full level
H05B 3/00 (2006.01)

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Cited by
CN104039030A; EP2354725A1; US8718455B2

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