

Title (en)  
RADIANT HEATER AND METHOD AND DEVICE FOR PRODUCING SAME

Publication  
**EP 0355388 B1 19930303 (DE)**

Application  
**EP 89113041 A 19890715**

Priority  
DE 3828192 A 19880819

Abstract (en)  
[origin: JPH0282486A] PURPOSE: To embed heating coils into an insulator while well holding them by removing fillers after filling a space released from the fillers in the heating coils with an insulating material. CONSTITUTION: Heating coils 16 are arranged on grooves 14 of a tool or a mold 13, and fillers 17 such as silica sand are filled into a part of the inside of the heating coils 16. An insulating material capable of being casted in a mold is pressurized on the mold 13. Therefore, the fillers 17 are made into facing dies, and the fillers 17 are removed when a compressed insulator 21 is taken out from a device 11, and they are dropped from heating coils. Therefore, the heating coils can be embedded in the insulator while being well held.

IPC 1-7  
**F24C 7/06**; **H05B 3/74**

IPC 8 full level  
**F24C 7/06** (2006.01); **H05B 3/20** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)  
**H05B 3/748** (2013.01 - EP US); **H05B 2203/017** (2013.01 - EP US); **Y10T 29/49083** (2015.01 - EP US)

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