

Title (en)

Method for manufacturing sheathed heater and method for manufacturing glow plug

Title (de)

Verfahren zur Herstellung eines Patronenheizkörpers und Verfahren zur Herstellung einer Glühkerze

Title (fr)

Procédé de fabrication d'un élément chauffant blindé et procédé de fabrication d'une bougie à incandescence

Publication

EP 1448023 B1 20050629 (EN)

Application

EP 04250764 A 20040212

Priority

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- JP 2003430523 A 20031225

Abstract (en)

[origin: EP1448023A1] A sheathed heater (3) is manufactured by a method in which, after an insulating powder (3d) and a coil (3b) are confined in a metallic sheath (3a), the metallic sheath (3a) is swaged to a reduced diameter. The method is characterized in that before the metallic sheath (3a) is swaged, the coil (3b) is annealed through application of heat to the coil (3b). Since the coil (3b) is softened through annealing, while following a reduction in the diameter of the metallic sheath (3a) effected by swaging, the coil (3b) reduces its diameter without involvement of deformation, such as crinkling, bending, or corrugation. <IMAGE>

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CPC (source: EP)

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