

Title (en)
Heater

Title (de)
Heizer

Title (fr)
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Publication
EP 0743804 B1 20030319 (DE)

Application
EP 96107634 A 19960514

Priority
DE 19518109 A 19950517

Abstract (en)
[origin: EP0743804A2] The heater contains a base body (2) and at least one heating resistance e.g. a heating wire (15,16), which radiates heat from its front side to form outer heating regions next to an outer surface. At least one connecting cable running in a main longitudinal direction supplies electrical power and is subjected to elongation through thermal loading in heating mode. The connection cable (21) has an arrangement (40) for compensation of elongation and for suppression of radiation. It has an elastic compensation section between its ends forming a longitudinal spring with compensation profiling transverse to the longitudinal direction.

IPC 1-7
H05B 3/74

IPC 8 full level
H05B 3/74 (2006.01)

CPC (source: EP US)
H05B 3/748 (2013.01 - EP US)

Cited by
EP3289932A1; US11516891B2

Designated contracting state (EPC)
AT DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0743804 A2 19961120; EP 0743804 A3 19961211; EP 0743804 B1 20030319; AT E235136 T1 20030415; DE 19518109 A1 19961121; DE 59610228 D1 20030424; US 5892205 A 19990406

DOCDB simple family (application)
EP 96107634 A 19960514; AT 96107634 T 19960514; DE 19518109 A 19950517; DE 59610228 T 19960514; US 64836096 A 19960514