

Title (en)
CARTRIDGE HEATER WITH AN OVERLOAD CUT-OUT

Publication
EP 0086465 B2 19910306 (DE)

Application
EP 83101305 A 19830211

Priority
DE 3204875 A 19820212

Abstract (en)
[origin: EP0086465A1] 1. A tubular heater body comprising a heating coil (2) of resistance wire, which is disposed in a casing tube (1), embedded in insulating material (3), and in which fitted into the end of the casing tube is a tube portion (7, 13) which is insulated with respect to the casing tube (1), and in which an overheating protection means (9, 23) which is connected in series with the heating coil (2) and connected to a connection (11), in the form of a PTC-element, a heat sensor, a fusible element or a thermostat, is disposed in the unheated end of the tubular heater body, characterised in that the tube portion (7, 13) is connected in direct heat conducting relationship to the heating coil (2) and that the overheating protection means (9, 23) is replaceably inserted into the tube portion (7, 13) from the outside.

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H05B 3/48

IPC 8 full level
H05B 1/02 (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP)
H05B 1/0252 (2013.01); **H05B 3/48** (2013.01)

Cited by
EP2211588A1; GB2168903A; EP3109564A1; CN105775879A; EP0456216A3; DE4014753A1; EP0779043A1; EP0157182A1; EP0318895A3; US5020128A; FR2597222A1; US7949238B2; ITRM20110286A1; CN106630563A; EP2180759A1; FR2681496A1; EP0204850A1; DE102006005322A1; EP1816901A3; DE102006005322B4; CN102362545A; ITRM20100285A1; EP0318895A2; US11204186B2; US9301341B2; US10932324B2; WO2010083969A1; WO2012168906A1; WO2014158360A1; WO2016207392A1

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